SHERWIN WILLIAMS

PAINTING SYSTEMS CATALOG

2018–2019

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As of January 31, 2018, certain products listed in this guide have been independently certified by UL Environment in accordance with "UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings, " and/or comply with California Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1" (CA Section 01350) & V1.2-2017. For more information, see https://spot.ulprospector.com. Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 &V1.2-2017 using the applicable exposure scenario(s).

UL/GREENGUARD Certified products are certified to UL/GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: https://spot.ulprospector.com

Local and National V.O.C. (Volatile Organic Compound) regulations have been taken into consideration, but because these regulations vary greatly around the country and are subject to change, we suggest verifying that product selections meet the requirements of the area in which they are to be used. If the project is located within the OTC, CARB, SCAQMD or other VOC regulated regions, one must comply with the regulations regarding VOCs. It is always recommended that you consult with a Sherwin-Williams Company Representative before finalizing the selection.

If you need more specific information on a particular product, refer to the current Sherwin-Williams Data Page, SDS, EDS, sherwin-williams.com website or call our Architectural Services Department or your Sherwin-Williams Company Representative.

The products listed in this guide are not all-inclusive of all available Sherwin-Williams products.

The information and recommendations set forth in this Paint Systems Catalog are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. While this publication is intended as a general information resource and every care has been exercised in compiling its contents, it is not intended as a substitute for consulting with your Sherwin-Williams representative and/or visiting www.paintdocs.com to obtain the most current version of the product's PDS and/or an SDS.

Before using any of the listed coatings, carefully read the CAUTIONS on label, data page and SDS. The data information on each product listed in this guide is not all-inclusive of all available data. It is strongly suggested that you refer to the current Sherwin-Williams Data page, SDS, EDS, sherwin-williams.com website or call our Architectural Services Department or your Sherwin-Williams Company Representative.

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GREENGUARD/CDPH V1.1-2010 & V1.2-2017 Certifications Chart

SHERWIN-WILLIAMS.

PRODUCTS	GREENGUARD Gold	CDPH (CA01350) Method V1.1-2010 & V1.2-2017
All Surface Enamel Interior/Exterior Latex Gloss, A41-1250 Series	Certified	YES
All Surface Enamel Interior/Exterior Latex Satin, A41-1350 Series	Certified	YES
ArmorSeal® 8100 Waterbased Epoxy Floor Coating	Certified	YES
ColorCast Ecotoners™	Certified	YES
ConFlex™ Block Filler, CF01W0050	Certified	YES
Dry Erase Coating, KB65C2000	Certified	YES
Drywall Primer Interior Latex, B28W08150	Certified	YES
EcoSelect® Zero VOC Interior Latex Flat, Eg-Shel, Semi-Gloss, A21, A22 & A20 Series	Certified	YES
Emerald® Interior Flat, Matte, Satin, Semi-Gloss, K35, K36, K37 & K38 Series	Certified	YES
Eminence® Ceiling Paint, A27	Certified	YES
Extreme Bond™ Bonding Primer, B51W00150	Certified	YES
Harmony® Interior Latex Flat, Eg-Shel, Semi-Gloss, B5, B9 & B10 Series	Certified	YES
Harmony® Interior Latex Primer, B11-1500	Certified	YES
Loxon® Conditioner, LX Series	Certified	YES
Loxon® Concrete & Masonry Primer, LX Series	Certified	YES
Loxon® Water Blocking Primer/Finish, LX Series	Certified	YES
Multi-Purpose Latex Primer, B51-450 Series	Certified	YES
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	Certified	YES
Paint Shield® Interior Latex Microbicidal Paint Eg-Shel, D12W00051	Certified	YES
PrepRite® ProBlock® Latex Primer, B51-620 Series	Certified	YES
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel, Low Gloss Eg-Shel, B20&B41-1900 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 & B20-12651 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600 & B30-12651Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel, B41-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Gloss, B21W12651	Certified	YES
ProMar® 200 Zero VOC Primer, B28W2600	Certified	YES
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4650 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Flat, B30-4650 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4650 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4650 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Gloss, B21W04651	Certified	YES
ProMar® 400 Zero VOC Primer, B28W4600	Certified	YES
ProMar® Ceiling Paint, A27W05050	Certified	YES
Pro Industrial™ Acrylic Eg-Shel, Semi-Gloss & Gloss B66-660 ,650 & 600 Series	Certified	YES
Pro Industrial™ DTM Primer/Finish, B66W00011	Certified	YES
Pro Industrial™ Interior/Exterior Heavy Duty Block Filler, B42W00150	Certified	YES
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy, K45-1151, K46-1151 Series	Certified	YES
Pro Industrial™ Pro-Cryl® Universal Primer White,Grey & Red Oxide,B66-1300/1320 Series	Certified	YES
Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	Certified	YES
Pro Tech Interior Latex Eggshell Enamel, C106V-Series	Certified	YES
Quick Dry Stain Blocking Primer, B51W8670	Certified	YES
Solo® Acrylic Interior/Exterior Flat, Eg-Shel, Semi-Gloss & Gloss, A74, A75, A76 & A77 Series	Certified	YES
Solo® Satin Interior/Exterior, A73-50 Series	Certified	YES
Tuff Surface™ Interior Acrylic Texture Finish Flat & Eg-Shel, A44 Series	Certified	YES
PrepRite® Block Filler, B25W25	NO	YES
Waterborne Acrylic DryFall -Flat White, Eg-Shel & Semi-Gloss B42W181, B42W82 & B42W83	NO	YES

Coating performance is directly affected by surface preparation. Coating integrity and service life will be reduced because of improperly prepared surfaces. As high as 80% of all coating failures can be directly attributed to inadequate surface preparation that affects coating adhesion. Selection and implementation of the proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.

The majority of paintable surfaces are concrete, ferrous metal, galvanizing, and aluminum. They all require protection to keep them from deteriorating in aggressive environments. Selection of the proper method for surface preparation depends on the substrate, the environment, the coating selected, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

Specifier Note: Verify the existence of lead based paints on the project. Buildings constructed after 1978 are less likely to contain lead based paints. If lead based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting rule and all applicable state and local regulations. State and local regulations may be more strict than those set under the federal regulations Verify that Owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings. Concluding that no lead based paints were found on project site, delete paragraph regarding lead based paints.

No exterior painting should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F, unless the products are designed to be used in those environments.

Before using, carefully read CAUTIONS on label and SDS.

Aluminum ..... S-W 1

Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.

Block (Cinder and Concrete) ..... S-W 3

Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners. Concrete and mortar must be cured at least 28 days at 75°F. The pH of the surface should be between 6 and 9. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to prepare the surface. Fill bug holes, air pockets, and other voids with a cement patching compound (per ASTMD4261).

Brick ..... S-W 4

Must be free of dirt, loose and excess mortar, and foreign material. All brick should be allowed to weather for at least one year followed by wire brushing to remove efflorescence. Treat the bare brick with one coat of Loxon Conditioner.

Concrete and Masonry ..... S-W 5

Concrete, Poured – Exterior or Interior

The preparation of new concrete surfaces is as important as the surface preparation of steel. The following precautions will help assure maximum performance of the coating system and satisfactory coating adhesion:

Concrete must be cured prior to coating. Cured is generally defined as concrete poured and aged at a material temperature of at least 75°F for at least 28 days.

2. Moisture – Reference ASTM F1869-98 Moisture Test by use of Calcium Chloride or ASTM D4263 Plastic Sheet Method

Concrete must be free from moisture as much as possible (it seldom falls below 15%). Vapor pressures, temperature, humidity, differentials, and hydrostatic pressures can cause coatings to prematurely fail. The source of moisture, if present, must be located, and the cause corrected prior to coating.

3. Temperature

Air, surface and material temperatures must be in keeping with requirements for the selected product during and after coating application, until coating is cured.

4. Contamination

Remove all grease, dirt, paint, oil, laitance, efflorescence, loose mortar, and cement by the recommendations listed in the surface preparation section.

5. Surface Condition
Hollow areas, bug holes, voids, honeycombs, fin form marks, and all protrusions or rough edges are to be ground or stoned to provide a continuous surface of suitable texture for proper adhesion of the coating. Imperfections may require filling, as specified, with a recommended Sherwin-Williams product.

6. Concrete Treatment
Hardeners, sealers, form release agents, curing compounds, and other concrete treatments should be removed to ensure adequate coating adhesion and performance.

Methods of Surface Preparation on Concrete per SSPC-SP13/NACE 6 or ICRI 03732

Surface Cleaning Methods:
Vacuum cleaning, air blast cleaning, and water cleaning per ASTM D4258. Used to remove dirt, loose material, and/or dust from concrete.
Detergent water cleaning and steam cleaning per ASTM D4258. Used to remove oils and grease from concrete.
Prior to abrasive cleaning, and after abrasive cleaning, surfaces should be cleaned by one of the methods described above.

Mechanical Surface Preparation Methods:
Dry abrasive blasting, wet abrasive blasting, vacuum assisted abrasive blasting, and centrifugal shot abrasive blasting per ASTM D4259. Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.
High-pressure water cleaning or water jetting per SSPC-SP12-NACE5. Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.

Impact tool methods per ASTM D4259. Used to remove existing coatings, laitance, and weak concrete. Methods include scarifying, planing, scabbling, and rotary peening. Impact tools may fracture concrete surfaces or cause micro-cracking requiring surface repair.

Power tool methods per ASTM D4259. Used to remove existing coatings, laitance, weak concrete, and protrusions in concrete. Methods include circular grinding, sanding, and wire brushing. These methods may not produce the required surface profile to ensure adequate adhesion of subsequent coatings.

Chemical Surface Preparation Methods:

Acid etching per ASTM D4260. Use to remove some surface contaminants, laitance, and weak concrete, and to provide a surface profile on horizontal concrete surfaces. This method requires complete removal of all reaction products and pH testing to ensure neutralization of the acid. Not recommended for vertical surfaces. Etching with hydrochloric acid shall not be used where corrosion of metal in the concrete is likely to occur. **Adequate ventilation and safety equipment required.**

1. Clean surface per ASTM D4260
2. Wet surface with clean water
3. Etch with 10-15% muriatic acid solution at the rate of 1 gallon per 75 square feet
4. Scrub with stiff brush
5. Allow sufficient time for scrubbing and until bubbling stops
6. If no bubbling occurs, surface is contaminated. Refer to ASTM D4258 or ASTM D4259
7. Rinse surface two or three times. Remove acid/water each time.
8. Surface should have a texture similar to medium grit sandpaper.
9. Neutralize surface with a 3% solution of tri-sodium phosphate and flush with clean water.
10. Allow to dry and check for excess moisture.

Cement Composition Siding/Panels..... S-W 6

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, many times the pH may be 10 or higher.

Copper..... S-W 7

Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP2, Hand Tool Cleaning.

Drywall—Interior and Exterior..... S-W 8

Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with a joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to painting. Exterior surfaces must be spackled with exterior grade compounds.

Composition Board (Hardboard)..... S-W 9

Some composition boards may exude a waxy material that must be removed with a solvent prior to coating. Whether factory primed or unprimed, exterior composition board siding (hardboard) must be cleaned thoroughly and primed with an alkyd primer.

Galvanized Metal ..... S-W 10

Allow to weather a minimum of 6 months prior to coating. Clean per SSPC-SP1 using detergent and water or a degreasing cleaner, then prime as required. When weathering is not possible or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP16 is necessary to remove these treatments.

Plaster..... S-W 11

Must be allowed to dry thoroughly for at least 30 days before painting. Room must be ventilated while drying; in cold, damp weather, rooms must be heated. Damaged areas must be repaired with an appropriate patching material. Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.

Previously Coated Surfaces..... S-W 12

Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint. Glossy surfaces of old paint films must be clean and dull before repainting. Thorough washing with an abrasive cleanser will clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required per ASTM D4259.

Ferrous Metal Substrates

SSPC-SP1 – Solvent Cleaning

Solvent cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.1.

SSPC-SP2 – Hand Tool Cleaning

Hand Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mil scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.2.

SSPC-SP3 – Power Tool Cleaning

Power Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mil scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.3.

SSPC-SP5 / NACE 1 – White Metal Blast Cleaning

A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE No.1.

SSPC-SP6 / NACE 3 – Commercial Blast Cleaning

A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 33 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE No.3.

SSPC-SP7 / NACE 4 – Brush-Off Blast Cleaning

A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose paint. Tightly adherent mill scale, rust, and paint may remain on the surface. Mil scale, rust, and coating are considered adherent if they cannot be removed by lifting with a dull putty knife. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP7/NACE No.4.

SSPC-SP10 / NACE 2 – Near-White Blast Cleaning

A Near White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE No.2.

SSPC-SP11 – Power Tool Cleaning to Bare Metal

Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP 1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.11.

SSPC-SP12 / NACE 5 – Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating

High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials

This standard provides requirements for the use of high- and ultra-high pressure water jetting to achieve various degrees of surface cleanliness. This standard is limited in scope to the use of water only, without the addition of solid particles in the stream. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP12/NACE No.5.

SSPC-SP13 / NACE 6 or ICRI 03732 – Surface Preparation of Concrete

This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems. The requirements of this standard are applicable to all types of cementitious surfaces including cast-in-place concrete floors and walls, precast slabs, masonry walls and shotcrete surfaces. An acceptable prepared concrete surface should be free of contaminants, laitance, loosely adhering concrete, and dust, and should provide a dry, sound, uniform substrate suitable for the application of protective coating or lining systems. Depending upon the desired finish and system, a block filler may be required. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP13/NACE No.6 or ICRI 03732

SSPC-SP14 / NACE 8 – Industrial Blast Cleaning

This standard gives requirements for industrial blast cleaning of unpainted or painted steel surfaces by the use of abrasives. This joint standard allows defined quantities of mill scale and/or old coating to remain on the surface. An industrial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dust, and dirt. Traces of tightly adherent mill scale, rust, and coating residue are permitted to remain on 10% of each unit area of the surface. The traces of mill scale, rust, and coating shall be considered tightly adherent if they cannot be lifted with a dull putty knife. Shadows, streaks, and discolorations caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

SSPC-SP16 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals

This standard covers the requirements for brush-off blast cleaning of uncoated or coated metal surfaces other than carbon steel by the use of abrasives. These requirements include visual verification of the end condition of the surface and materials and procedures necessary to achieve and verify the end condition. A brush-off blast cleaned non-ferrous metal surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, metal oxides (corrosion products), and other foreign matter. Intact, tightly adherent coating is permitted to remain. A coating is considered tightly adherent if it cannot be removed by lifting with a dull putty knife.

Water Blasting ..... S-W 21

NACE Standard RP-01-72

Removal of oil, grease, dirt, loose rust, loose mill scale, and loose paint by water at pressures of 2,000 to 2,500 psi at a flow of 4 to 14 gallons per minute.

Stucco..... S-W 22

Must be clean and free of any loose stucco. If recommended procedures for applying stucco are followed, and normal drying conditions prevail, the surface may be painted in 30 days. The pH of the surface should be between 6 and 9.

Wood—Exterior ..... S-W 23

Must be clean and dry. Prime and paint as soon as possible. Knots and pitch streaks must be scraped, sanded, and spot primed before a full priming coat is applied. Patch all nail holes and imperfections with a wood filler or putty and sand smooth. Caulk should be applied after priming.

On woods that present potential bleeding, care must be taken to determine if bleeding will be activated by the solvent or water in the coating. To test for bleeding, coat a 4 foot by 4 foot section with the primer. If no bleeding is evident within 4 hours, proceed with complete priming. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating. If bleeding still occurs, switch types of primer and proceed with testing once again.

Wood—Interior..... S-W 24

All finishing lumber and flooring must be stored in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces must be sanded smooth, with the grain, never across it. Surface blemishes must be corrected and the area cleaned of dust before coating.

On woods that present potential bleeding, care must be taken to determine if bleeding will be activated by the solvent or water in the coating. To test for bleeding, coat a 4 foot by 4 foot section with the primer. If no bleeding is evident within 4 hours, proceed with complete priming. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating. If bleeding still occurs, switch types of primer and proceed with testing once again.

Vinyl Siding..... S-W 25

Vinyl or other PVC Building Products: Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate white primer. Do not paint vinyl with any color darker than the original color or having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe colors are not used the vinyl may warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.

Touch-Up, Maintenance and Repair:

Transitioning from old products to new ones:

Awareness of a new product being used on a project is very important. New products may have similar color, sheen and application characteristics, however it is still different than the old. If you are working on an ongoing project, work to a natural break point prior to switching to a new product. Save some of the original product for touching up any previously completed work. It is highly suggested to apply paint according to the manufacturer's recommendation.

Application procedures: Maximize results

Thoroughly read manufacturer's application and safety instructions prior to use. Use 2 coats for the topcoat to obtain satisfactory film build and improve overall final color and touch up. It is important to achieve the optimum level of wet mils. Priming to seal repair work typically results in better touch-up results. Sand between coats for best results. Roll, or spray and back roll the last coat. Walls that are only sprayed may have noticeably poor touch up. Shake the batch prior to each use to create more consistent results. Inter-mix all paint containers. Use the roller cover recommended by the manufacturer. Large or numerous repair areas on walls and ceilings should be rolled from corner to corner. When painting trim, use a shield to prevent significant overspray and reduce cut-in time.

Touch Up: Best Practices

Thoroughly mix touch-up material prior to application. Inspect material prior to use. Do not use suspect material.

Use the same tool, fabric type and nap size roller to apply the touch-up as was used to apply the original paint. Avoid mini-rollers and whizz rollers, they don't transfer paint as well and provide insufficient film build.

Try to keep some of the original batch of paint for touching up.

During the repair process, make the repair as close as possible to the texture of the surrounding area, or feather the repair out into the surrounding area to reduce any abrupt change in texture. Use the application tools recommended by the manufacturer.

It may be difficult to know the environmental conditions when the original coating was applied. Use good painting practice when applying any coating; follow the label or data page instructions for acceptable environmental conditions.

Store touch up paint in a heated area in a sealed container. Some thinning of the touch-up coating may help it blend into the surrounding finish.

If there is a large area or many small areas to touch-up, it may be faster to apply a coat to the entire surface. Scuff marks and dirt will wash off with mild soap and water, saving you time with touch-ups. For best coverage of scuff marks, spot these areas first then touch up.

For a protective coating system to provide maximum long-term protection, regularly scheduled maintenance is required. Maintenance includes inspection of painted areas, cleaning of surfaces to remove oils, chemicals, and other contaminants, and touch-up of areas where the coatings have been damaged. Highly corrosive areas, such as those subjected to frequent chemical spillage, corrosive fumes, and/or high abrasion or temperature areas should be inspected frequently – every six months, for example. Areas exposed to less severe conditions, such as interiors and exteriors of potable water tanks, may be inspected annually to assess the condition of the coating system.

The SSPC-VIS 2, Standard Method for Evaluating Degree of Rusting on Painted Steel Surfaces, can be used as a guide to determine appropriate touch-up and repairs maintenance schedules. Touch-up would be suggested when the surface resembles Rust Grade 5-S (Spot Rusting), 6-G (General Rusting), or 6-P (Pinpoint Rusting). Surface preparation would generally consist of SSPC-SP2, SP3, SP11, or SP12. Overcoating a well protected, but aged steel surface showing no evidence of rusting, may be achieved by Low Pressure Water Cleaning per SSPC-SP12/WJ4, and applying an appropriate coating system.

Full removal of the existing coating system by abrasive blasting would be recommended when the surface resembles Rust Grade 3-S (Spot Rusting), 4-G (General Rusting), or 4-P (Pinpoint Rusting). When the coating system has deteriorated to encompass approximately 33% of the surface area, it is always more economical to consider full removal and reapplication of the appropriate protective coating system. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Mildew

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

PRIMERS

Substrate	Vehicle	Finish	Prep*	Coats	Product	Prod ID
drywall	latex	primer	S-W 8	1 ct	Premium Wall & Wood Primer	B28
	latex	primer		1 ct	ProMar® 200 Zero VOC Interior Latex Primer	B28
	latex	primer		1 ct	Harmony® Latex Primer	B11
masonry and	acrylic	primer	S-W 3,4,5,6	1 ct	Loxon® Concrete & Masonry Primer	LX02
cementitious	acrylic	surfacer		1 ct	Loxon® Acrylic Block Surfacer	LX01
surfaces	acrylic	filler		1 ct	ConFlex™ Block Filler	CF01
	vinyl acrylic	filler		1 ct	PrepRite® Block Filler	B25
metal (steel,	acrylic	primer	SSPC Std.	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
aluminum,	acrylic	primer		1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
galvanized)	acrylic	primer		1 ct	All Surface Enamel Latex Primer	A41
plaster	acrylic	primer	S-W 11	1 ct	Loxon® Concrete & Masonry Primer	LX02
	latex	primer		1 ct	Premium Wall & Wood Primer	B28
wood	latex	primer	S-W 24	1 ct	Premium Wall & Wood Primer	B28

TOPCOATS

Type	Finish	Coats	Product	Prod ID
latex / acrylic	flat	2 cts	Cashmere® Interior Latex Flat	D16
		2 cts	Duration Home® Interior Latex Flat	A95
		2 cts	Emerald® Interior Latex Flat	K35
		2 cts	Harmony® Latex Flat	B05
		2 cts	ProMar® 200 Zero VOC Interior Latex Flat	B30
		2 cts	Builders Solution® Interior Latex Flat	A61
	matte	2 cts	Emerald® Interior Latex Matte	K36
		2 cts	Duration Home® Interior Latex Matte	A96
		2 cts	Builders Solution® Interior Latex Matte	A64
	low sheen	2 cts	ProMar® 200 Zero VOC Interior Latex Low Sheen Eg-Shel	B24
	low luster	2 cts	Cashmere® Interior Latex Low Lustre	D17
	low gloss eg-shel	2 cts	ProMar 200 HP Zero VOC Int. Acrylic Low Gloss Eg-Shel	B41
		2 cts	ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41
	satin	2 cts	Emerald® Interior Latex Satin	K37
		2 cts	Duration Home® Interior Latex Satin	A97
		2 cts	Emerald Urethane Trim Enamel	K37
		2 cts	ProClassic® Waterborne Interior Acrylic Satin	B20
	pearl	2 cts	Cashmere® Interior Latex Pearl	D15
	eg-shel	2 cts	Harmony® Latex Eg-Shel	B09
		2 cts	Paint Shield® Microbicidal Interior Latex Eg-Shel	D12
		2 cts	ProMar® 200 HP Zero VOC Interior Acrylic Latex Eg-Shel	B20
		2 cts	ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20
		2 cts	Builders Solution® Interior Latex Eg-Shel	A62
	medium lustre	2 cts	Cashmere® Interior Latex Medium Lustre	D18
	semi-gloss	2 cts	Emerald® Interior Latex Semi-Gloss	K38
		2 cts	Duration Home® Interior Latex Semi-Gloss	A98
		2 cts	ProClassic® Waterborne Interior Acrylic Semi-Gloss	B31
		2 cts	Harmony® Latex Semi-Gloss	B10
		2 cts	ProMar® 200 Zero VOC Interior Latex Semi-Gloss	B31
		2 cts	Emerald Urethane Trim Enamel Semi-Gloss	K38
	gloss	2 cts	ProClassic® Waterborne Interior Acrylic Gloss	B21
		2 cts	ProMar® 200 Zero VOC Interior Latex Gloss	B21
		2 cts	Emerald Urethane Trim Enamel Gloss	K39
	high gloss	2 cts	ProClassic® Waterborne Interior Acrylic High Gloss	B21
alkyd / acrylic-alkyd	satin	2 cts	ProClassic® Interior Waterbased Acrylic-Alkyd Satin	B33
		2 cts	ProClassic® Interior Alkyd Satin	B33
	eg-shel	2 cts	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel	B33
		2 cts	ProMar® 200 Interior Alkyd Eg-Shel	B33
	semi-gloss	2 cts	ProClassic® Interior Waterbased Acrylic-Alkyd Semi-Gloss	B34
		2 cts	ProMar® 200 Interior Waterbased Acrylic-Alkyd Semi-Gloss	B34
		2 cts	ProClassic® Interior Alkyd Semi-Gloss	B34
		2 cts	ProMar® 200 Interior Alkyd Semi-Gloss	B34
		2 cts	ProMar® 400 Interior Alkyd Semi-Gloss	B34
	gloss	2 cts	ProMar® 200 Interior Waterbased Acrylic-Alkyd Gloss	B35
		2 cts	ProMar® 200 Interior Alkyd Gloss	B35

*Minimum surface preparation will be based on the need for performance in the environment and the topcoat.

Exterior Painting Recommendations—Normal Exposure

SHERWIN-WILLIAMS.

PRIMERS

Substrate	Vehicle	Finish	Prep*	Coats	Product	Prod ID
masonry and	acrylic	primer	S-W 3,4,5,6	1 ct	Loxon® Concrete & Masonry Primer	LX02
cementitious	acrylic	sealer		1 ct	Loxon® Acrylic Conditioner	LX03
surfaces	vinyl acrylic	filler		1 ct	PrepRite® Block Filler	B25
	acrylic	filler		1 ct	ConFlex™ Block Filler	CF01
	acrylic	surfacer		1 ct	Loxon® Acrylic Block Surfacer	LX01
metal (steel,	acrylic	primer	SSPC-Std.	1 ct	Pro Industrial™ Pro-Cryl® Acrylic Primer	B66
aluminum,	acrylic	primer		1 ct	Pro Industrial™ DTM® Acrylic Primer/Finish	B66
galvanized)	alkyd	primer		1 ct	All Surface Enamel Oil Primer	A11
wood	alkyd	primer	S-W 23	1 ct	Exterior Oil-Base Wood Primer	Y24
	acrylic	primer		1 ct	Exterior Latex Wood Primer	B42
plywood	acrylic	primer	S-W 23	1 ct	Exterior Latex Wood Primer	B42

TOPCOATS

Type	Vehicle	Finish	Coats	Product	Prod ID
acrylic latex		flat	2 cts	Emerald® Exterior Acrylic Flat	K47
			2 cts	Duration® Exterior Latex Flat Coating	K32
			2 cts	Resilience® Exterior Latex Flat	K42
			2 cts	Loxon® Self-Cleaning Acrylic Coating	LX13
		low sheen	1-2 cts	Rejuvenate™ Siding Restoration	C18
		satin	2 cts	Emerald® Exterior Acrylic Satin	K48
			2 cts	Duration® Exterior Latex Satin Coating	K33
			2 cts	Resilience® Exterior Latex Satin	K43
		gloss	2 cts	Emerald® Exterior Latex Gloss	K49
			2 cts	Duration® Exterior Latex Gloss Coating	K34
			2 cts	Resilience® Exterior Latex Gloss	K44
elastomeric coatings	acrylic	smooth	1-2 cts	ConFlex XL™ Smooth High Build	CF11
texture coating systems	acrylic		1-2 cts	ConFlex™ SherLastic® Masonry Coating	CF16
	acrylic	texture	1-2 cts	ConFlex XL™ Texture High Build	CF12
	acrylic		1-2 cts	ConFlex™ UltraCrete™ Waterborne Textured Topcoat	CF17
	alkyd	smooth	1-2 cts	ConFlex™ UltraCrete™ Solventborne Smooth Topcoat	CF18
	alkyd	texture	1-2 cts	ConFlex™ UltraCrete™ Solventborne Textured Topcoat	CF18

STAINS, SEALERS & WATERPROOFERS FOR MASONRY

Type	Vehicle	Finish	Coats	Product	Prod ID
waterproofer – pigmented	acrylic	smooth	1-2 cts	ConFlex XL™ Smooth High Build	CF11
	acrylic	smooth	2 cts	ConFlex™ Flexible Concrete Waterproofer	CF14
	acrylic	texture	1-2 cts	ConFlex XL™ Textured High Build	CF12
	acrylic	texture	2 cts	ConFlex™ Flexible Concrete Waterproofer	CF15
	acrylic		1-2 cts	ConFlex™ SherLastic® Masonry Coating	CF16
			1-2 cts	Loxon® XP™ Waterproofing System	LX11
waterproofer – clear	silane	none	1-2 cts	Loxon® 40% Silane Water Repellant	LX31
	siloxane	none	1-2 cts	ConFlex™ 7% Siloxane Water Repellant	CF31
stains	acrylic	flat	2 cts	Loxon® Vertical Concrete Stain	LX31
	acrylic	flat	2 cts	Loxon® Vertical Semi-Transparent Concrete Stain	LX31
	acrylic	flat	1-2 cts	H&C® Colortop™ Water-Based Solid Color Concrete Stain	-
	silicone acrylic	flat	1-2 cts	H&C® Colortop™ Solvent-Based Solid Color Concrete Sealer	-

STAINS FOR WOOD

Substrate	Vehicle	Finish	Coats	Product	Prod ID
wood – walls	acrylic	solid	2 cts	WoodScapes® Solid Color Stain	A15
(vertical surfaces)	acrylic	semi-trans	2 cts	SuperDeck® Log Home & Deck Stain	SD8
	alkyd	solid	2 cts	Exterior Alkyd Solid Color Stain	A14
	poly	semi-trans	2 cts	WoodScapes® Semi-Transparent Stain	A15
wood – decks	acrylic	solid	1-2 cts	SuperDeck® Ext. Waterborne Solid Color IR Stain	SD7
(horizontal surfaces)	acrylic	solid	1-2 cts	SuperDeck® Ext. Waterborne Solid Color Stain	SD7
	acrylic	semi-solid	1-2 cts	SuperDeck® Ext. Waterborne Semi-Solid IR Stain	SD5
	acrylic	semi-solid	1-2 cts	SuperDeck® Ext. Waterborne Semi-Solid Stain	SD5
	acrylic	semi-trans	2 cts	SuperDeck® Ext. Waterborne Semi-Trans Stain	SD3
	acrylic	clear	1-2 cts	SuperDeck® Ext. Waterborne Clear Sealer	SD1
	alkyd	semi-trans	1 ct	SuperDeck® Ext. Oil Based Semi-Transparent Stain	SD4
	alkyd	transparent	1 ct	SuperDeck® Ext. Oil Based Transparent Stain	SD2

Painting Recommendations—Industrial Exposure, Light/Moderate Duty Exposure

SHERWIN-WILLIAMS.

PRIMERS

Substrate	Vehicle	Finish	Prep*	Coats	Product	Prod ID
steel and iron	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
	alkyd	primer	SSPC-SP2	1 ct	Kem Kromik® Universal Metal Primer	B50
	alkyd	primer	SSPC-SP2	1 ct	Kem Bond® HS Universal Primer	B50
aluminum	acrylic	primer	SSPC-SP1	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
	acrylic	primer	SSPC-SP1	1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	acrylic	primer	SSPC-SP1	1 ct	DTM Wash Primer	B71
	alkyd	primer	SSPC-SP1	1 ct	Galvite™ HS Primer	B50
galvanized	acrylic	primer	SSPC-SP1	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
steel	acrylic	primer	SSPC-SP1	1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	acrylic	primer	SSPC-SP1	1 ct	DTM Wash Primer	B71
	alkyd	primer	SSPC-SP1	1 ct	Galvite™ HS Primer	B50
masonry	acrylic	filler	SSPC-SP13	1 ct	Pro Industrial™ Heavy Duty Block Filler	B42
	acrylic	primer	SSPC-SP13	1 ct	Loxon® Concrete & Masonry Primer	LX02

TOPCOATS

Type	Finish	Coats	Product	Prod ID
acrylic	flat	2 cts	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	low sheen	2 cts	Bond-Plex Waterbased Acrylic Coating	B71
	eg-shel	2 cts	Pro Industrial™ Acrylic	B66
		2 cts	Pro Industrial™ DTM Acrylic	B66
		2 cts	Pro Industrial™ Multi-Surface Acrylic	B66
	semi-gloss	2 cts	Sher-Cryl™ High Performance Acrylic Coatings	B66
		2 cts	Pro Industrial™ Acrylic	B66
		2 cts	Pro Industrial™ DTM Acrylic	B66
		2 cts	Pro Industrial™ Multi-Surface Acrylic	B66
		2 cts	Metalatex® Semi-Gloss	B42
	gloss	2 cts	Sher-Cryl™ High Performance Acrylic Coatings	B66
		2 cts	Pro Industrial™ Acrylic	B66
		2 cts	Pro Industrial™ Multi-Surface Acrylic	B66
		2 cts	Pro Industrial™ DTM Acrylic	B66
acrylic epoxy	eg-shel	2 cts	Pro Industrial™ Pre-Catalyzed Waterbased Epoxy	K45
	semi-gloss	2 cts	Pro Industrial™ Pre-Catalyzed Waterbased Epoxy	K46
acrylic modified alkyd	semi-gloss	2 cts	Metalastic® DTM	B55
acrylic urethane	gloss	2 cts	Pro Industrial™ Waterbased Acrolon™ 100	B65
alkyd	gloss	2 cts	Industrial Enamel	B54
		2 cts	Pro Industrial™ Urethane Alkyd Enamel	B54
epoxy	gloss	2 cts	Pro Industrial™ High Performance Epoxy	B67
	eg-shel	2 cts	Pro Industrial™ Waterbased Catalyzed Epoxy	B73
	gloss	2 cts	Pro Industrial™ Waterbased Catalyzed Epoxy	B73
silicone alkyd	gloss	2 cts	Steel-Master™ 9500 Silicone Alkyd	B56
urethane modified alkyd	low sheen	2 cts	Pro Industrial™ Waterbased Alkyd Urethane Enamel	B53
	semi-gloss	2 cts	Pro Industrial™ Waterbased Alkyd Urethane Enamel	B53
	gloss	2 cts	Pro Industrial™ Waterbased Alkyd Urethane Enamel	B53

*Minimum surface preparation will be based on the need for performance in the environment and the topcoat.

Painting Recommendations—Industrial Exposure, Heavy Duty Exposure

SHERWIN-WILLIAMS.

PRIMERS

Substrate	Vehicle	Finish	Prep*	Coats	Product	Prod ID
steel and iron	epoxy	primer	SSPC-SP6	1 ct	Recoatable Epoxy Primer	B67
		pre-primer	SSPC-SP2	1 ct	Macropoxy® 920 Pre-Prime	B58
		primer	SSPC-SP6	1 ct	Epolon™ II Rust Inhibitive Epoxy Primer	B67
	zinc rich	zinc primer	SSPC-SP6	1 ct	Zinc Clad® II Plus Primer	B69
		zinc primer	SSPC-SP6	1 ct	Zinc Clad® IV Primer	B69
	MCU	pre-primer	SSPC-SP2	1 ct	Corothane® I Preprime	B65
		primer	SSPC-SP6	1 ct	Corothane® I - GalvaPac Zinc Primer	B65
aluminum	acrylic	primer	SSPC-SP1	1 ct	DTM Wash Primer	B71
galvanized	acrylic	primer	SSPC-SP1	1 ct	DTM Wash Primer	B71
	epoxy	primer	SSPC-SP1	1 ct	Recoatable Epoxy Primer	B67
masonry	epoxy	filler	SSPC-SP13	1 ct	Kem Cati-Coat® HS Epoxy Filler/Sealer	B42
		pre-primer	SSPC-SP13	1 ct	Macropoxy® 920 Pre-Prime	B58

TOPCOATS

Type	Finish	Coats	Product	Prod ID
epoxy	eg-shel	2 cts	Pro Industrial™ Water Based Catalyzed Epoxy	B73
		2 cts	Tile-Clad® High Solids Epoxy	B62
	semi-gloss	2 cts	Macropoxy® 646 Fast Cure Epoxy	B58
		2 cts	Macropoxy® 646-100 Fast Cure Epoxy	B58
		1-2 cts	Dura-Plate® 235 Multi-Purpose Epoxy	B67
		1-2 cts	Epolon™ II Multi-Mil Epoxy	B62
	gloss	2 cts	Pro Industrial™ Water Based Catalyzed Epoxy	B73
		2 cts	Tile-Clad® High Solids Epoxy	B62
		1-2 cts	Pro Industrial™ High Performance Epoxy	B67
polyurethane	gloss	1-2 cts	Hi-Solids Polyurethane	B65
		1-2 cts	Hi-Solids Polyurethane-250	B65
		1-2 cts	Acrolon™ 218 HS Acrylic Polyurethane	B65
		1-2 cts	Corothane® I - Aliphatic Finish	B65

Painting Recommendations—Industrial Exposure, Ceilings

PRIMERS

Substrate	Vehicle	Finish	Prep*	Coats	Product	Prod ID
steel and iron	alkyd	primer	SSPC-SP2	1 ct	Kem Kromik Universal Metal Primer	B50
	alkyd	primer	SSPC-SP2	1 ct	Kem Bond HS Universal Metal Primer	B50
	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
galvanized	acrylic modified alkyd	primer	SSPC-SP1	1 ct	Galvite™ HS	B50
	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ DTM Acrylic Primer/Finish	B66
	acrylic	primer	SSPC-SP2	1 ct	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66
drywall	latex	primer	S-W 8	1 ct	ProMar® 200 Zero VOC Interior Latex Primer	B28
wood	latex	primer	S-W 24	1 ct	Premium Wall & Wood Interior Primer	B28

TOPCOATS

Type	Finish	Coats	Product	Prod ID
acrylic	flat	1-2 cts	Pro Industrial™ Waterborne Acrylic Dryfall	B42
	eg-shel	1-2 cts	Pro Industrial™ Waterborne Acrylic Dryfall	B42
	semi-gloss	1-2 cts	Pro Industrial™ Waterborne Acrylic Dryfall	B42
		1-2 cts	Spraylastic® Exterior Waterborne Dryfall	B42
alkyd	flat	1-2 cts	Super Save-Lite® Dry Fall	B48
		1-2 cts	Super Save-Lite® Hi-Tech Dryfall	B48
		1-2 cts	Alkyd Dry Fall Flat	B48
	eg-shel	1-2 cts	Dry Fallout Spray Alkyd Eg-Shel	B85
	semi-gloss	1-2 cts	Super Save-Lite® Dry Fall	B47
		1-2 cts	Super Save-Lite® Hi-Tech Dryfall	B48

*Minimum surface preparation will be based on the need for performance in the environment and the topcoat.

Painting Recommendations—Industrial Exposure, Concrete Floors

PRODUCT					
Type	**Finish**	**Prep***	**Coats**	**Product**	**Prod ID**
acrylic	semi-gloss		1-2 cts	ArmorSeal® Tread-Plex™ Finish	B90
epoxy	primer	SSPC-SP13	1 ct	ArmorSeal® 33 Epoxy Primer/Sealer	B58
	gloss		1 ct	ArmorSeal® 650 SL/RC Epoxy	B58
	gloss		1 ct	ArmorSeal® 1000 HS Epoxy	B67
water based epoxy	gloss	SSPC-SP13	2 cts	ArmorSeal® 8100 Floor Coating	B70
	satin		2 cts	ArmorSeal® 8100 Floor Coating	B70
moisture cured urethane	gloss		1-2 cts	ArmorSeal® Rexthane I Floor Coating	B65
polyurethane	gloss		2 cts	ArmorSeal® HS Polyurethane Floor Enamel	B65
	gloss		1-2 cts	ArmorSeal® 1K WB Urethane Floor Enamel	B65

Painting Recommendations—Industrial Exposure, Wood Floors

PRODUCT					
Type	**Finish**	**Prep***	**Coats**	**Product**	**Prod ID**
acrylic	primer	SSPC-SP13	1 ct	ArmorSeal® Tread-Plex™ Finish	B90
	semi-gloss		1-2 cts	ArmorSeal® Tread-Plex™ Finish	B90
moisture cured urethane	gloss		2 cts	ArmorSeal® Rexthane™ I Floor Coating	B65
polyurethane	gloss		1 ct	ArmorSeal® 1000 HS Epoxy	B67
	gloss		2 cts	ArmorSeal® HS Polyurethane Floor Enamel	B65

*Minimum surface preparation will be based on the need for performance in the environment and the topcoat.

Flame Spread Rating Information

In answer to your request for flame spread rating information regarding certain of our coatings products, most conventional paint systems, when applied at the recommended film thickness, will develop a "Class A" (0-25) flame spread rating over non-combustible, previously uncoated "Class A" rated substrates.

The chart below presents the results of flame spread tunnel testing on certain coatings systems. The tests were conducted by an independent laboratory in accordance with the provisions of ASTM E84. "Standard Test Method for Surface Burning Characteristics of Building Materials." This test method is similar to the test method specified in ANSI No.2.2, NFPA No. 255, UL No.723, UBC No. 421 and ASTM E84-75.

The flame spread rating for cured coatings not tested may be estimated based on the Flammability of Paint Study conducted by the National Paint and Coatings Association (NPCA) at Southwest Research Institute San Antonio, Texas Project 3-3774-141. This study evaluated paints representative of those sold in the modern consumer market. In summary, the study concluded: "conventional pigmented paints of all types made little change in the flame spread ratings of the uncoated substrates and made insignificant changes in the fuel and smoke factors. We believe this study provides substantial evidence that conventional paints and coatings do not increase the flame spread of either non-flammable or flammable substrates upon which they are applied. It also indicates that any fuel contribution or smoke density increase is insignificant when compared with the contribution of the substrate itself."* Therefore, most conventional paint systems, when applied at the recommended film thickness and cured, will develop a "Class A" flame spread rating over a non-combustible previously uncoated substrate.

The flame spread and smoke development indexes are based on The National Fire Protection Association NFPA 101 Life Safety Code. Those ratings for interior walls and ceilings are:

Class A: Flame Spread Index = 0 – 25	Smoke Developed Index = 0 – 450
Class B: Flame Spread Index = 26 – 75	Smoke Developed Index = 0 – 450
Class C: Flame Spread Index = 76 – 200	Smoke Developed Index = 0 – 450

SUBSTRATE STANDARDS

1/4 inch Inorganic Reinforced Cement Board: Flame Spread Index = 0	Smoke Developed Index = 0
GRC Board: Flame Spread Index = 0	Smoke Developed Index = 0
Red Oak Flooring: Flame Spread Index = 100	Smoke Developed Index = 100
23/32 inch Plywood Sheathing: Flame Spread Index = 125	Smoke Developed Index = 75

Test are rounded to the nearest multiple of 5.

SHERWIN-WILLIAMS TEST DATA:	FLAME SPREAD	SMOKE DEVELOPMENT	FLAME SPREAD CLASS	SUBSTRATE INDEX
ProMar® 400 Zero VOC (Low Sheen-vinyl acrylic)	5	0	Class A	.625" Type X Gypsum
ProMar® 400 Zero VOC (Semi-Gloss-vinyl acrylic)	0	0	Class A	.625" Type X Gypsum
ProMar® 400 Zero VOC (Flat-vinyl acrylic)	5	5	Class A	.625" Type X Gypsum
ProMar® 400 Zero VOC (Primer-vinyl acrylic)	5	0	Class A	.625" Type X Gypsum
ProMar® 400 Zero VOC (Eg-Shel-vinyl acrylic)	10	0	Class A	.625" Type X Gypsum
Harmony® (Flat 100% Acrylic)	10	0	Class A	.625" Type X Gypsum
Harmony® (Eg-Shel 100% Acrylic)	15	0	Class A	.625" Type X Gypsum
ProMar® 200 Zero VOC (Flat-vinyl acrylic)	10	5	Class A	.625" Type X Gypsum
ProMar® 200 Zero VOC (Primer-vinyl acrylic)	5	0	Class A	.625" Type X Gypsum
ProMar® 200 Zero VOC (Eg-Shel-vinyl acrylic)	10	0	Class A	.625" Type X Gypsum
ProMar® 200 Zero VOC (Low Sheen-vinyl acrylic)	15	0	Class A	.625" Type X Gypsum
ProMar® 200 HP Zero VOC (Eg-Shel - acrylic)	0	10	Class A	.375" Type X Gypsum
ProMar® 200 HP Zero VOC (Low Gloss Acrylic)	10	10	Class A	.625" Type X Gypsum
PrepRite® ProBlock® Latex Primer (acrylic primer)	10	0	Class A	.625" Type X Gypsum

As a general rule, the substrate itself may contribute significantly to the overall flame spread rating of a system comprised of a coating applied over the substrate. As a guide, non-combustible substrates such as cement asbestos board and plaster have a flame spread rating of zero and, when coated, do not contribute significantly to the flame spread rating of the system. One study indicates that a system comprised of coated conventional drywall may yield a flame spread rating within Flame Spread Class A, but slightly higher than that of a system comprised of a non-combustible substrate.* Conventional paint systems applied over these types of substrates do not contribute significantly to the overall flame spread rating of the system. On combustible substrates that burn readily, such as a wood surface that has not been treated to resist burning, standard coatings do nothing to prevent the substrate from burning. That is, conventional paint systems do not significantly reduce the flame spread rating of a combustible substrate. However, special fire retardant or intumescent coatings can be applied to readily combustible substrates such as wood to reduce the overall flame spread rating of the system.

References:

The National Fire Protection Association NFPA 101 Life Safety Code

ASTM E84. "Standard Test Method for Surface Burning Characteristics of Building Materials"

* National Paint and Coatings Association, Inc. 1500 Rhodes Island Ave, N.W. Washington D.C. 20005. Flammability of Paint Study, Project 3-3774-141 Southwest Research Institute San Antonio, Texas.

Specification Resources

Sherwin-Williams is committed to serving the needs of architects from vision to execution. We offer comprehensive single-source coating solutions. As the nations largest specialty retailer of paint and painting supplies, Sherwin-Williams is dedicated to supporting architects through exceptional products and expert service. Below is a list of some of the specification resources available.

Sherwin-Williams SpecExpress™ is a simple program designed to help you quickly and easily create a 3-part CSI construction product specification. Using a decision tree selection format, selecting the right product systems for the job is achieved in five simple steps. Only products that meet your project criteria will populate, ensuring that you select the right products for your project. Product systems include the properly paired primer & topcoats. To utilize this tool please visit http://www.swspecexpress.com/specwizard/09900swi/index04.htm?custom=yes

Facility Guide Specifications Sherwin-Williams offers a broad range of architectural coatings to meet the requirements of many projects. Visit swspecs.com to view and download professionally prepared Facility Guide Specifications for any building type, AIA Product MasterSpecs, plus guides for complying with green building standards and local VOC regulations.

Autodesk® Revit® Sherwin-Williams is the first paint company to offer seamless integration with Autodesk® Revit®. Specifying paint and color is simplified for architects and designers. Professionals using the Autodesk Revit software now have instant access to Sherwin-Williams paint products and colors, enabling them to create color-acurate renderings of rooms, quickly and more efficiently.

The libraries are available for download on Autodesk® Seek, the leading repository for BIM Content. To learn more about Sherwin-Williams integration with Autodesk® Revit®, visit http://seek.autodesk.com/SherwinWilliams.

BIMsmith® Sherwin-Williams is the first paint company to partner with BIMsmith®, so you can access any of our coatings or colors directly from the BIMsmith® design platform. This allows you to build complete wall, ceiling and floor assemblies with the actual products you specify. Visit https://bimsmith.com/.

Division 9 Finishing Guides

Use our library of Finishing Schedules for specs on painting and wood finishing systems found at www.swspecs.com

- Product MasterSpec
- Sherwin-Williams MPI Approved Products
- Standard Specifications
- Coating Specifications
- OTC - Ozone Transport Commission Specifications
- SCAQMD - South Coast Air Quality Management District Specifications
- CARB - California Air Resources Board Specifications

LEED® and other Green Specifications

Please visit **www.swgreenspecs.com** and download our **LEED® and VOC Coatings Reference Guide (PDF)**

MPI The Master Painters Institute: For the most up-to-date information please visit: http://www.paintinfo.com

Find enhanced paint specifications, product information, BIM objects, Revit® materials and more at any of the following specification websites:

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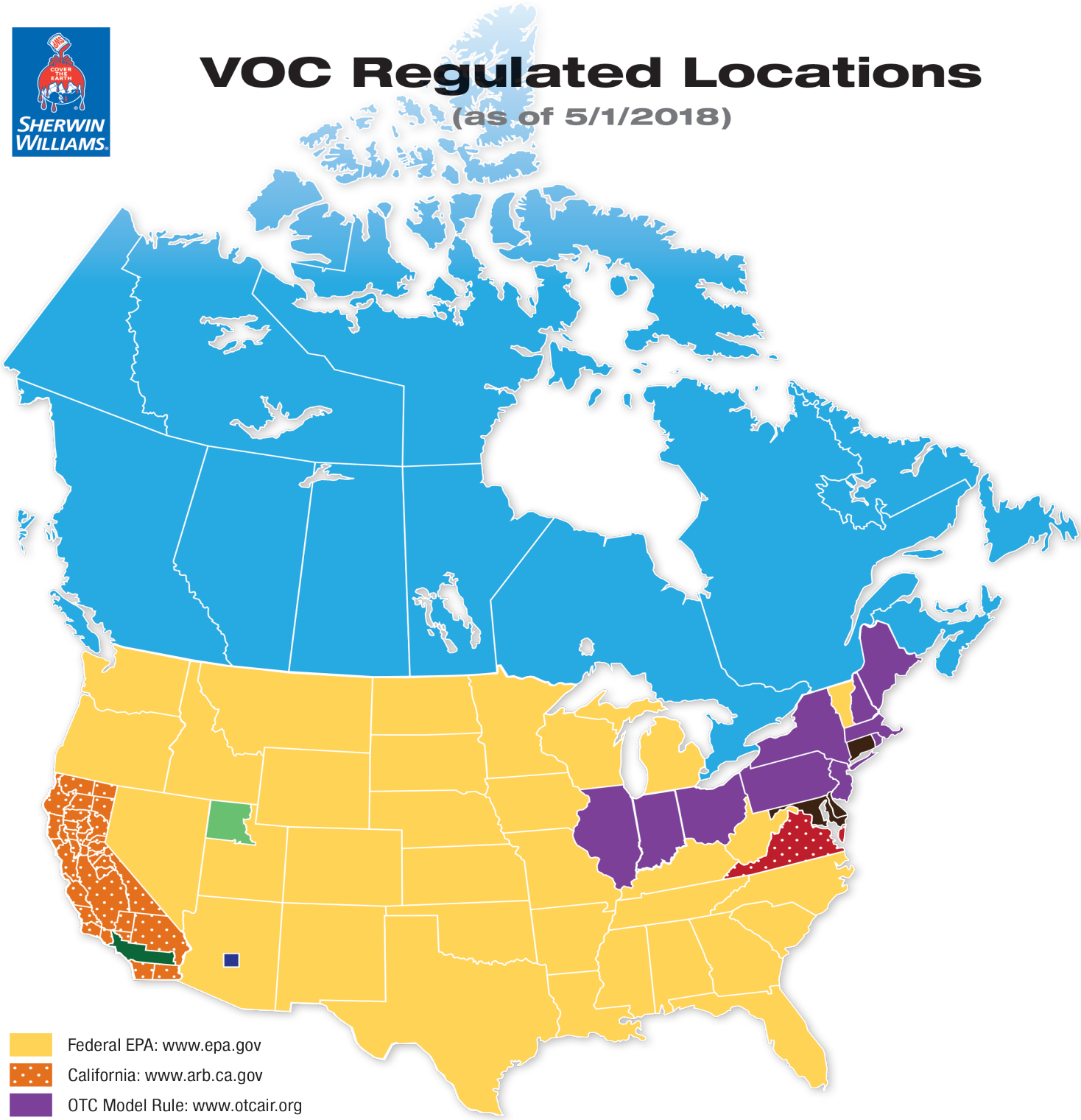
VOC Regulated Locations

(as of 5/1/2018)



- Federal EPA: www.epa.gov
- California: www.arb.ca.gov
- OTC Model Rule: www.otcair.org
- OTC-Phase II: www.otcair.org
- Maricopa County, Arizona: www.maricopa.gov
- California SCAQMD – South Coast Air Quality Management District: www.aqmd.gov
- Canada VOC Rule: www.ec.gc.ca
- Virginia: www.deq.virginia.gov
- Utah: www.rules.utah.gov

For current VOC information, refer to the websites as indicated.

Architectural and Industrial Maintenance Coating VOC Rules

This information is current as of May 5, 2017. Regulations are added and adjusted based on the requirements of the local governing authority. Please contact the authority in the area where the project will be coated for current information.

No attempt was made to merge similar categories among different rules.

Volatile Organic Compound (VOC) limits below are in grams per liter, less water and exempt compounds.

CATEGORY	EPA 9-99	SCAQMD 2/2016	CARB	CARB SCM 2007	OTC	OTC PHASE II	OHIO – IL	CANADA	UTAH
Antenna Coatings	530		530					530	
Anti-Fouling	450		400		400	250	400		
Anti-Graffiti (Industrial Maintenance)	600	100							
Bituminous and Mastics	500								
Bituminous Roof Coatings		350	300	50	300	270	300	300	270
Bituminous Roof Primers		350	350	350	350	350	350	350	350
Bond Breakers	600	350	350	350	350	350	350	350	350
Calcimine Recoaters	475				475	475	475	475	475
Chalkboard Resurfacers	450								
Concrete & Masonry Sealer				100		100			100
Concrete Curing and Sealing Compounds	700								
Concrete Curing Compounds	350	100	350	350	350	350	350	350	
Concrete Curing Compounds for Roadways and Bridges		350							
Concrete Protective	400								
Concrete Surface Retarders	780	50			780		780	780	780
Conjugated Oil Varnish							450	450	450
Conversion Varnishes	725				725	725	725	725	725
Dry Fog	400	50	400	150	400	150	400	400	150
Extreme High Durability	800							800	
Faux Finishing Trowel Applied Coatings		50							
Faux Finishing Clear Topcoats		100							350
Faux Finishing Decorative coatings/ Glazes/Japan		350							350
Faux Finishing/Glazing (Japans)	700		350	350	350	350	350	350	350
Fire-Proofing Coatings		150							
Fire Resistive			350	350	350	350	350	350	350
Fire Retardant, Clear			650		650		650	650	
Fire Retardant, Opaque (Pigmented)			350		350		350	350	
Fire Retardant/Resistive, Clear	850								
Fire Retardant/Resistive, Opaque	450								
Flat		50	100	50	100	50	100	100	50
Flats, Exterior	250								
Flats, Interior	250								
Floor Coatings	400	50	250	100	250	100	250	250	100
Flow Coatings	650		420		420	250	420	650	
Form Release Compounds	450	100	250	250	250	250	250	250	250
Graphic Arts (Sign Paints)	500	200	500	500	500	500	500	500	500
Heat Reactive	420								
High Temperature			420	420	420	420	420	420	420
High Temperature (Industrial Maintenance)	650	420							
Impacted Immersion	780				780	780	780	780	780
Industrial Maintenance	450	100	250	250	340	250	340	340	250
Lacquers (including lacquer sanding sealers)			550	275	550	275	550	550	
Lacquers, Clear		275							
Lacquers, Clear Brushing			680	275	680	275	680	680	
Lacquers, Clear or Pigmented (including Lacquer Sanding Sealers)	680								
Lacquers, Pigmented		275							
Low Solids Coatings*		120	120	120	120	120	120	120	120
Low Solids Stains	120								

VOC — Volatile Organic Compound

SHERWIN-WILLIAMS.

CATEGORY	EPA 9-99	SCAQMD 2/2016	CARB	CARB SCM 2007	OTC	OTC PHASE II	OHIO – IL	CANADA	UTAH
Low Solids Wood Preservatives	120								
Magnesite Cement	600	450	450	450	450	450	450		450
Mastic Texture	300	100	300	100	300	100	300	300	100
Metallic Pigmented	500	150	500	500	500	500	500	500	500
Multi-Color	580	250	250	250	250	250	250	250	250
Non Flats, Exterior	380								
Non Flats, Interior	380								
Nonferrous Ornamental Metal Lacquers and Surface Protectants	870								
Nonflat Coatings	380	50	150	100	150	100	150	150	100
Nonflat High Gloss Coatings		50	250	150	250	150	250	250	150
Nuclear (Industrial Maintenance)	450				450	450	450	450	450
Pre-Treatment Wash Primers	780	420	420	420	420	420	420	420	420
Primers and Undercoaters	350								
Primers, Sealers, and Undercoaters		100	200	100	200	100	200	200	100
Quick Dry Enamels	450		250		250		250	250	
Quick Dry Primers, Sealers, and Undercoaters	450		200	100	200	100	200	200	
Recycled Coatings		150	250	250	250		250	350	250
Repair and Maintenance Thermoplastic	650								
Roof Coatings	250	50	250	50	250	250	250	250	250
Roof, Aluminum		100	400	400					450
Rust Preventative	400	100	250	250	400	250	400	400	250
Sanding Sealers		275						350	
Sanding Sealers (Non-Lacquer)	550		350	275	350		350	350	
Sealers (Including Clear Wood Sealers)	400								
Shellacs, Clear	730	730	730	730	730	730	730	730	730
Shellacs, Opaque	550	550	550	550	550	550	550	550	550
Specialty Primers		100							
Specialty Primers, Sealers, and Undercoaters			100	100	350	100	350	350	100
Stain Controllers	720								
Stains		100	250	250	250	250	250	250	250
Stains, Clear	550								
Stains, Interior		250						250	
Stains, Opaque	350							250	
Stains, Semitransparent Interior	550							250	
Swimming Pool Coatings	600	340	340	340	340	340	340	340	340
Swimming Pool Repair & Maintenance		340	340	340	340		340		
Temperature-Indicator Safety			550		550		550	550	
Thermoplastic Rubber and Mastics	550				550	550	550	550	550
Traffic Marking Coatings	150	100	150	100	150	100	150	*150/450	100
Varnishes	450	275	350	275	350	275	350	350	
Water Proofing Sealers and Treatments, Clear	600								
Water Proofing Sealers and Treatments, Opaque	600								
Waterproofing Sealers		100	250	100	250	100	250	250	
Waterproofing Sealers, Concrete/ Masonry		100	400	100	400	100	400	400	
Wood Coatings				275		275			275
Wood Preservatives	550	350	350	350	350	350	350		350
Wood Preservatives, Clear and Semitransparent	550								
Wood Preservatives, Opaque	350								
Zinc Rich Primers (Contact Company Representative)									
Zone Marking	450								

*Canada Traffic Marking Coatings: Restricted to 150 g/L VOC from May 1st-Oct 15, Indiana: Restricted to 105 g/L VOC from May 1st-Sept 30, 150 g/L from Oct 1st-April 30th

Primers - Interior or Exterior for Normal Exposures

SHERWIN-WILLIAMS.

PRODUCT	NUMBER	INTERIOR	EXTERIOR	DRYWALL	PLASTER	WOOD	STEEL	GALVANIZED	ALUMINUM	CONCRETE/ MASONRY	BLOCK/CMU	SELECT PLASTICS
A-100 Exterior Fast Dry Stain Blocking Alkyd Primer	Y24WB-Series		X	X		X				X		
All Surface Enamel Latex Primer	A41W01210	X	X	X	X	X	X	X	X			
Builders Solution™ Surfacer	A63W00100	X		X	X							
ConFlex™ Block Filler	CF01W0050	X	X							X	X	
Drywall Conditioner	B28T08970	X		X								
Drywall Primer	B28W08150	X		X		X						
Easy Sand Interior Oil-Based Primer	B49W08040	X		X	X	X						
Exterior Latex Wood Primer	B42W08041		X	X		X		X	X			
Exterior Oil-Based Wood Primer	Y24W08020		X			X						
Extreme Bond™ Interior/Exterior Bonding Primer	B51W00150	X	X	X	X	X		X	X	X		X
Extreme Block™ Stain Blocking Primer Sealer	B49W00600	X	X	X	X	X				X		
Fast Drying Interior/Exterior Oil-Based Primer	Y24W08980	X	X	X	X	X						X
Harmony® Interior Latex Primer	B11W01500	X		X	X	X				X		
High Build Interior Latex Primer	B28W08601	X		X	X							
Loxon® Acrylic Block Surfacer	LX01W0200	X	X							X	X	
Loxon® Concrete & Masonry Primer	LX02W0050	X	X		X					X	X	
Loxon® Acrylic Conditioner	LX03 Series	X	X							X		
Loxon® Water Blocking Primer/Finish	LX12W0050	X	X							X	X	
Multi-Purpose Int/Ext Latex Primer/Sealer	B51-450 Series	X	X	X	X	X		X	X	X	X	X
Multi-Purpose Interior Oil-Based Primer	B49W008820	X		X	X	X						
Premium Wall & Wood Interior Latex Primer	B28W08111	X		X	X	X				X		
PrepRite® Interior/Exterior Latex Block Filler	B25W00025	X	X							X	X	
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	X	X	X	X	X		X	X	X	X	X
PrimeRx® Int/Ext Acrylic Peel Bonding Primer	B51T00600	X	X	X		X		X	X	X		X
ProBlock® Interior Oil-Based Primer	B79W08810	X		X	X	X						
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	X		X	X	X				X		
ProMar® 400 Zero VOC Interior Latex Primer	B28W04600	X		X								
PVA Interior Latex Primer & Sealer	B28W08000	X		X								
Quick Dry Int/Ext Latex Stain Blocking Primer	B51W08670	X	X	X								
Synthetic Shellac Primer	B49W00060	X		X	X	X						
White Pigmented Shellac Primer	B49W08050	X		X	X	X				X	X	

Primers - Industrial

SHERWIN-WILLIAMS.

PRODUCT	NUMBER	INTERIOR	EXTERIOR	PLASTER	WOOD	STEEL	GALVANIZED	ALUMINUM	CONCRETE/MASONRY	BLOCK/CMU	SELECT PLASTICS	CONCRETE FLOORS	PRE-FINISHED SIDING
ARMORSEAL® 33 Epoxy Primer/Sealer	B58-33 Series	X										X	
Corothane® I - GalvaPac Zinc Primer	B65G00010	X	X			X							
Corothane® I - Preprime	B65C00010	X	X			X			X				
DTM Bonding Primer	B66A00050	X	X								X		X
DTM Wash Primer	B71Y00001	X	X				X	X					
Epolon™ II Rust Inhibitive Epoxy Primer	B67-400 Series	X	X			X							
Galvite™ HS Primer	B50WZ0030	X	X				X	X					
Kem Bond® HS Universal Primer	B50-Z Series	X	X			X							
Kem Cati-Coat® HS Epoxy Filler/Sealer	B42-400 Series	X	X						X	X			
Kem Kromik® Universal Metal Primer	B50-Z Series	X	X			X							
Pro Industrial™ DTM Acrylic Primer/Finish	B66W00011	X	X			X	X	X	X				
Pro Industrial™ Heavy Duty Block Filler	B42W00150	X	X						X	X			
Pro Industrial™ Pro-Cryl® Acrylic Primer	B66-1310 Series	X	X			X	X	X					
Recoatable Epoxy Primer	B67-5 Series	X	X			X	X						
Zinc Clad® II Plus Primer	B69-Z Series	X	X			X							
Zinc Clad® IV Primer	B69-8 Series	X	X			X							
Zinc Clad® 5	B69A00045	X	X			X							

A-100® Exterior Latex

A-100 Exterior Latex is a quality exterior finish. This product is recommended for use on aluminum, vinyl and wood siding, clapboard, shakes, shingles, plywood, masonry and metal down to a surface and air temperature of 35°F.

Flat.....A06 Series
Satin .....A82 Series
Low Sheen.....A12 Series
Gloss .....A08 Series

MILDEW RESISTANT. This coating contains agents that inhibit the growth of mildew on the surface of this coating.

Temperature: 35°F minimum, 90°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum
Avoid using if rain or snow is expected within 2-3 hours.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction necessary.
Brush .....Use a nylon/polyester brush.
Roller .....Use a 3/8" - 3/4" nap synthetic cover.
Spray—Airless
Pressure .....2000 psi
Tip.....015"-.019"
Reduction .....none

Aluminum, Aluminum Siding & Galvanized Steel[1]
2 cts. A-100 Exterior Latex
Concrete Block, CMU, Split Face Block
1 ct. Loxon Acrylic Block Surfacer
or
1 ct. ConFlex Block Filler[2]
2 cts. A-100 Exterior Latex
Brick
1 ct. Loxon Conditioner[2]
2 cts. A-100 Exterior Latex
Cement Composition Siding Panels, Stucco, Cement, Concrete
1 ct. Loxon Concrete & Masonry Primer/Sealer[2]
or Loxon Conditioner[2]
2 cts. A-100 Exterior Latex
Plywood
1 ct. Exterior Latex Wood Primer
2 cts. A-100 Exterior Latex
Vinyl Siding*
2 cts. A-100 Exterior Latex
Wood, Composition Board
1 ct. Exterior Oil-Based Wood Primer
2 cts. A-100 Exterior Latex

[1]On large expanses of metal siding, the air, surface and material temperatures must be 50°F or higher.
[2]Not for use at temperatures under 50°F. See specific primer label for that product's application conditions.

Follow the recommended surface preparations. Other primers may be appropriate. When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

*Vinyl or other PVC Building Products Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate white primer. Do not paint vinyl with any color darker than the original color. Do not paint vinyl with a color having a Light Reflective Value (LRV) of less than 56. Painting with darker colors lower than an LRV of 56 may cause vinyl to warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.

	Flat	Satin	Low Sheen	Gloss
Color:	Most colors	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:				
sq ft/gal	350 - 400	350 - 400	350 - 400	350 - 400
mils wet/dry	4.0 / 1.3	4.0 / 1.4	4.0 / 1.5	4.0 / 1.4
Drying Schedule @ 50% RH Drying times are temperature, humidity and film thickness dependent.				
	35-45°F/45°F+	**35-45°F/45°F+**	**35-45°F/45°F+**	**35-45°F/45°F+**
Touch:	2 hours/2 hours	2 hours/2 hours	2 hours/2 hours	2 hours/2 hours
Recoat:	24-48 hours /4 hours	24-48 hours /4 hours	24-48 hours /4 hours	24-48 hours /4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish: units	0-5 @ 85°	10-20 @ 60°	10-20 @ 85°	35-45 @ 60°
	Extra White	**Extra White**	**Extra White**	**Extra White**
	A06W00151	A82W00151	A12W00151	A08W00251
VOC (less exempt solvents)**:**	<50 g/L; <.42 lb/gal	<50 g/L; <.42 lb/gal	<50 g/L; <.42 lb/gal	<50 g/L; <.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	34 ± 2%	36 ± 2%	37 ± 2%	36 ± 2%
Weight per Gallon:	10.97 lb	9.88 lb	10.56 lb	9.71 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Low Sheen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Acrolon™ 218 HS Acrylic Polyurethane (B65-600 Series)

ACROLON 218 HS ACRYLIC POLYURETHANE is a polyester modified, aliphatic, acrylic polyurethane formulated specifically for in-shop applications. Also suitable for industrial applications, fast drying, urethane that provides color and gloss retention for exterior exposure.

- Can be used directly over organic zinc rich primers (epoxy zinc primer and moisture cure urethane zinc primer)
- Color and gloss retention for exterior exposure
- Fast dry
- Outstanding application properties

Finish: Gloss and Semi-Gloss
Color: a wide range of colors available
Volume Solids: 65% ± 2%, mixed, may vary by color
VOC (EPA Method 24)**:** <300 g/L; <2.5 lb/gal unreduced
VOC may vary by base & sheen
Mix Ratio: 6:1 by volume, premeasured components
Recommended Spread Rate per coat:
Wet mils: 4.5 - 9.0
Dry mils: 3.0 - 6.0
Coverage: 175 - 346 sq ft/gal approximate
Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 6.0 mils wet @ 50% RH:

	@ 35°F	@ 77°F	@ 120°F
To touch:	4 hours	30 minutes	20 minutes
To handle:	18 hours	6 hours	4 hours
To recoat:			
minimum:	18 hours	8 hours	6 hours
maximum:	3 months	3 months	3 months
To cure:	14 days	7 days	5 days
Pot Life:	4 hours	2 hours	45 minutes
(reduced 5% with Reducer R7K15)			
Sweat in Time:	none	none	none

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: 55°F, Seta, mixed

Temperature: 35°F minimum, 120°F maximum (air and surface)
40°F minimum, 120°F maximum (material)
At least 5°F (2.8°C) above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant c ceanup solvent. Follow manufacturer's safety recommendations when using solvents.
Airless Spray Reducer
Spray ..... Reducer R7K15, MEK R6K10, or R7K111
Brush/Roll ..... Reducer #132, R7K132, or R7K111
If reducer is used, reduce at time of catalyzation.
Airless Spray
Pressure ..... 2500 - 2805 psi
Hose ..... 3/8" ID
Tip ..... .013" - .017"
Filter ..... 60 mesh
Reduction ..... As needed up to 10% by volume with R7K15 or R7K111, or up to 9% with MEK, R6K10
Brush ..... Natural Bristle
Roller Cover ..... 3/8" woven with solvent resistant core
Reduction ..... As needed up to 10% by volume

Steel:
1 ct. Macropoxy 646 @ 5.0 - 10.0 mils dft
1-2 cts. Acrolon 218 HS Acrylic Polyurethane @ 3.0 - 6.0 mils dft/ct
Steel:
1 ct. Zinc Clad IV @ 3.0 - 5.0 mils dft
1-2 cts. Acrolon 218 HS Acrylic Polyurethane @ 3.0 - 6.0 mils dft/ct
Steel:
1 ct. Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft
1-2 cts. Acrolon 218 HS Acrylic Polyurethane @ 3.0 - 6.0 mils dft/ct
Concrete/Masonry:
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10.0 - 20.0 mils dft
1-2 cts. Acrolon 218 HS Acrylic Polyurethane @ 3.0 - 6.0 mils dft/ct
Aluminum/Galvanizing:
1 ct. DTM Wash Primer @ 0.7 - 1.3 mils dft
1-2 cts. Acrolon 218 HS Acrylic Polyurethane @ 3.0 - 6.0 mils dft/ct
Other primers and systems may be appropriate.

System Tested: (*unless otherwise noted below)
1 ct. Macropoxy 646 @ 6.0 mils dft
1 ct. Acrolon 218 HS Gloss @ 4.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP10/NACE 2

Test Name	Test Method	Results
Abrasion Resistance[1]	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	43 mg loss
Adhesion[3]	ASTM D4541	1976 psi
Corrosion Weathering[3]	ASTM D5894, 27 cycles, 9072 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Direct Impact Resistance[1]	ASTM D2794	50 in. lb.
Dry Heat Resistance[1]	ASTM D2485, Method A	200°F
Flexibility[1]	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity Resistance[2]	ASTM D4585, 100°F, 1500 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Pencil Hardness	ASTM D3363	3H
Salt Fog Resistance[3]	ASTM B117, 15,000 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering

Meets the requirements of SSPC Paint No. 36, Level 3 for white and light colors. Dark colors may require a clear coat.
[1]Finish coat only tested
[2]Primer Zinc-Clad II Plus
Intermediate Macropoxy 646
Finish Acrolon 218 HS
[3]Primer Zinc-Clad III HS
Complies with IOS 12944-5 C51 and C5M requirements

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	Yes	No	No	No	No

Anti-Graffiti Coating (B97C150)

ANTI-GRAFFITI COATING is a one-component, non-sacrificial, ready-to-use siloxane coating that cures with atmospheric moisture. Intended for use over properly prepared indoor or outdoor concrete surfaces.

Features:
- Excellent graffiti resistance
- Excellent cleanability with either water power-washing or solvent wipe
- Excellent UV resistance
- Excellent adhesion
- Fast drying
- Non-Sacrificial
- Outstanding airless spray properties
- Single component

Color: Clear

Recommended Spread Rate per coat:

Wet mils:	8.0 - 12.0
Dry mils:	6.1 - 9.2
Coverage:	134 - 202 sq ft/gal approximate

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 10.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 120°F
To touch:	9 hours	1 hour	30 minutes
Tack free:	12 hours	4 hours	1 hour
To cure:	21 days	7 days	4 days

Drying times are temperature, humidity and film thickness dependent.

Finish: Semi-Gloss

Flash Point: 105° F PMCC

VOC (less exempt solvents)**:** 173 g/L; 1.44 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 77 ± 2%

Weight per Gallon: 7.80 lb/gal ± 0.2 lb

Shelf Life (unopened): 12 months, store indoors @40°F to 100°F

Temperature: 40°F minimum, 120°F maximum, (air, surface)
At least 5°F above dew point
50°F minimum for material

Relative Humidity: 30% minimum, 95% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up.....Clean spills, splatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Airless Spray
- Pressure .....3200 - 3600 psi
- Hose .....3/8"
- Tip.....013" – .017"
- Filter.....60 mesh
- Reduction .....Mineral Spirits – up to 5% as needed

Brush.....Natural Bristle
- Reduction .....None required

Roller Cover.....3/8" – ½" woven with solvent resistant core
- Reduction .....None required

Recommended for use in:
- Bridge Abutments
- Commercial Buildings
- Schools
- Transit Stations
- Overpasses
- New Construction

Concrete:
1 ct Anti-Graffiti Coating @ 6.1 - 9.2 mils dft

Previously Painted Surface:
1 ct Anti-Graffiti Coating @ 6.1 - 9.2 mils dft

Porous/Rough Concrete and Masonry:
Seal with
1 ct. Anti-Graffiti Coating Reduced 10% with Mineral Spirits
1 ct. Anti-Graffiti Coating @ 6.1 - 9.2 mils dft

The systems listed above are representative of the products use, other systems may be appropriate.

Performance:
1 ct. Anti-Graffiti Coating:

Test Name	Test Method	Results
Adhesion	ASTM D6677	Passed, Rating 8
Cleanability Level 1*	ASTM D7089	Passed

*Graffiti remove with high pressure cold water wash
Passed 4000 hours of QUV / multi-graffiti application and removal
Gloss retention = 63%
Color change <3 delta E CIE *L a b
No signs of graffiti left after clean-up; no visible signs of streaking, cracking, pinholing, discoloration or other coating degradation upon casual examination

Graffiti Removal from surfaces coated with B97C150:
Power wash with 3000-psi pressure washer (25 ft hose) having a 15-degree tip at 2-3 inches away from the surface.
Graffiti can also be removed with a solvent wiping or acceptable graffiti removers.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No

2K Waterbased Urethane Anti-Graffiti Coating (B65 Series)

2K WATERBASED URETHANE ANTI-GRAFFITI COATING is a two-component, hydrophobic polyurethane. It provides excellent graffiti resistance, color and gloss retention.

Features:
- Excellent graffiti resistance
- Apply over multiple coating types
- Brush, roll or spray
- Excellent gloss retention
- Tint with BAC colorants
- Clear tint bases (B65T194 Gloss and B65T195 Satin) can be used as clear coats

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Finish Gloss or Satin
Color: Clear (B65T194 Gloss and B65T195 Satin), White or a wide variety of colors
Recommended Spread Rate per coat:
Wet mils: 4.0 - 8.0
Dry mils: 2.0 - 4.0
Coverage: 204 - 408 sq ft/gal approximate
NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 3.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	6 hours	4 hours	4 hours
To handle:	8 hours	6 hours	6 hours
To cure:	21 days	14 days	7 days

Abrading required prior to recoating or topcoating
Drying times are temperature, humidity and film thickness dependent.
Pot Life: 1.5 hours 1.5 hours 1 hour
Sweat-in-time: none needed
Mix Ratio: 3:1 by volume
Shelf Life: Part A: 12 months, unopened
Part B: 24 months, unopened
Store indoors @40°F to 100°F
Flash Point: >230°F, PMCC mixed
VOC (As-Applied)**:** <100 g/L; <0.85 lb/gal, may vary by color
VOC may vary by base & sheen
Volume Solids: 51% ± 2%, theoretical
Weight Solids: 57% ± 2%, theoretical

Steel:
1 ct Pro Industrial Pro-Cryl Universal Primer @ 3.0 - 4.0 mils dft
1 ct. 2K Waterbased Urethane Anti-Graffiti @ 2.0 - 4.0 mils dft
Concrete/Masonry:
1 ct Cement-Plex 875 @ 13.0 - 25.0 mils dft
(as required to fill voids and provide a continuous surface)
1 ct. 2K Waterbased Urethane Anti-Graffiti @ 2.0 - 4.0 mils dft
Other acceptable surfacers are:
Pro Industrial Heavy Duty Block Filler or Kem Cati-Coat HS Epoxy Filler/Sealer
Concrete, Smooth:
1 ct. Macropoxy 646 @ 3.0-10.0 mils dft
1 ct. Acrolon 218 HS@ 3.0-6.0 mils dft
1ct. 2K Waterbased Urethane Anti-Graffiti @ 2.0 - 4.0 mils dft

The systems listed above are representative of the products use, other systems may be appropriate.

Recommended for use on:
- Bridge Abutments
- Schools
- Overpasses
- New Construction
- Commercial Buildings
- Transit Stations
- Railcars

Acceptable for use in high performance architectural applications.
Suitable for use in USDA inspected facilities
Performance:

Graffiti Resistance ASTM D 6578-00		
Marking Substance	**Rec'd Cleaners**	**Cleanability Levels**
Wax Crayon	Dry cotton cloth / Commercial aqueous detergent	1
Water Based Red Spray Paint	Dry cotton cloth / Citrus cleaner	1
Solvent Based Black Spray Paint	Citrus cleaner / Industrial cleaner	3
Solvent Based Perm. Marker - Blue or Red	Citrus cleaner / Industrial cleaner	3

Cleanability levels 1-5 are defined as:
Level 1 Graffiti completely removed with dry cotton cloth.
Level 2 Graffiti completely removed with commercial aqueous detergent.
Level 3 Graffiti completely removed with citrus cleaner.
Level 4 Graffiti completely removed with industrial cleaner/Iso-propanol.
Level 5 Graffiti completely removed with MEK

Temperature: 50°F minimum, 120°F maximum, (air, surface & material)
At least 5°F above dew point
Relative Humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean Up.....Water
Reducer.....R8K10, up to 10% as needed
Airless Spray
Pressure.....2700 - 3000 psi
Hose.....1/4" ID
Tip.....013" – .017"
Filter.....60 mesh
Reduction.....As needed up to 10% by volume
Conventional Spray
Gun.....DeVilibiss JGA
Fluid Nozzle.....E
Air Nozzle.....765
Atomization Pressure....45 - 55 psi
Fluid Pressure.....10 - 20 psi
Reduction.....As needed up to 10% by volume
Brush.....Nylon/polyester natural bristle
Roller Cover.....1/4" – 3/8" woven w/ solvent resistant core
Reduction.....As needed up to 10% by volume
Equivalent application equipment may be substituted for the above recommendations.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

ArmorSeal® 1000 HS (B67-2000 Series)

ARMORSEAL 1000HS is a high solids, heavy duty, two-component, catalyzed, polyamide epoxy coating formulated for demanding marine and industrial requirements. This product dries rapidly to a tough, high gloss finish with excellent resistance to alkali, abrasion, corrosion and chemical attack.

- Suitable for use in USDA inspected facilities
- Chemical Resistant
- Impact Resistant
- Abrasion Resistant

Finish: Gloss
Color: Clear, Haze Gray, Deck Gray, White, Sandstone, Tile Red, Safety Yellow and wide range of tinted colors possible
Volume Solids, mixed: colors—65% ± 2%,
may vary by color clear—61% ± 2%
Weight Solids, mixed: 74% ± 2%, may vary by color
VOC (EPA Method 24), mixed, (may vary by color, base & sheen)
colors <340 g/L; <2.8 lb/gal; Unreduced
clear <400 g/L; <3.33 lb/gal, Unreduced
Mix Ratio: 1:1 by volume
Recommended Spread Rate per coat:
Wet mils: 5.0 - 8.0
Dry mils: 3.0 - 5.0
Coverage: 206 - 350 sq ft/gal approximate

Drying Schedule @ 6.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	4 hours	2 hours	30 minutes
To recoat:			
minimum:	24 hours	8 hours	4 hours
maximum:	7 days	7 days	7 days
Foot traffic:	48 hours	24 hours	12 hours
Heavy Traffic:	4-5 days	48-72 hrs	24-36 hrs
To cure:	10 days	7 days	4 days
Pot Life:	6 hours	4 hours	2 hours
Sweat-in-Time:	2 hours	30 minutes	10 minutes

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: >105°F, Seta, mixed

Temperature: 50°F minimum, 120°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up .....Clean spills, splatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents. Reducer #54, R7K54

Airless Spray
Pressure .....2500 psi
Hose .....3/8" ID
Tip.....015" - .021"
Filter.....60 mesh
Brush .....Nylon/Polyester or Natural Bristle
Roller Cover .....3/8" woven with solvent resistant core
Reduction.....As needed up to 10% by volume

Concrete/Wood:
1 ct. ArmorSeal 1000 HS @ 2.5 - 4.0 mils dft
(reduced as necessary up to 1 pt per gallon with R7K54)*
1-2 cts. ArmorSeal 1000 HS @ 3.0 - 5.0 mils dft/ct
(with anti-slip aggregate if required)

Concrete:
1 ct. ArmorSeal 33 Epoxy Primer/Sealer @ 8.0 mils dft
1-2 cts. ArmorSeal 1000 HS @ 3.0 - 5.0 mils dft/ct
(with anti-slip aggregate if required)

Steel:
1 ct. Recoatable Epoxy Primer @ 4.0 - 5.0 mils dft
1-2 cts. ArmorSeal 1000 HS @ 3.0 - 5.0 mils dft/ct

Painted Surfaces in Sound Condition:
1-2 cts. ArmorSeal 1000 HS @ 3.0 - 5.0 mils dft/ct

*Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions
The systems listed above are representative of the product's use, other primers and systems may be appropriate.

System Tested:
1 ct. ArmorSeal 1000 HS (reduced)
1 ct. ArmorSeal 1000 HS @ 3.0-5.0 mils (75-125 microns) dft

Substrate: Concrete
Surface Preparation: Clean, dry, sound

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 Kg load	64.8 mg loss
Adhesion, over concrete	ASTM D4541	350 psi, 100% concrete failure
Direct Impact Resistance (steel)	ASTM D2794	58 in. lbs
Dry Heat Resistance	ASTM D2485	180°F
Flexibility (steel)	ASTM D522, 180° bend, 1/8" mandrel	Pass
Pencil Hardness	ASTM D3363	HB
Slip Resistance, Floors	ASTM C1028**, .60 minimum Static Coefficient of Friction	Passes wet and dry, with and without SharkGrip Additive

**Test method withdrawn in 2014 without replacement.

Epoxy coatings may darken or yellow following application and curing.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes - Colors	No	No	No	No	Yes-Colors	Yes	NA	NA	No	No

ArmorSeal® 650 Self Leveling/Recoatable Epoxy (B58-650 Series)

ARMORSEAL 650 SL/RC self-leveling, recoatable epoxy is a two-component, heavy duty interior floor system that provides a high gloss, seamless, hygienic surface that is extremely hard wearing and durable. The coating can also be applied to provide a nonslip texture. This product may be topcoated if required.

- Suitable for use in USDA inspected facilities
- Chemical & Solvent resistant
- Abrasion Resistant
- Self - leveling properties
- Impact resistant
- Dry heat resistant - 200°F

Finish: Full Gloss
Color: Clear, Haze Gray, Deck Gray, White, Sandstone, Tile Red, and wide range of tinted colors possible
Volume Solids: 98%, mixed
VOC (EPA Method 24)**:** <100 g/L; 0.83 lb/gal, mixed
VOC may vary by base & sheen
Mix Ratio: 2 component, premeasured
Recommended Spread Rate per coat:
Wet mils: 10.0 - 30.0*
Dry mils: 10.0 - 30.0
Coverage: 50 - 160 sq ft/gal approximate
*Apply Clear at only 10-15 mils maximum.

Drying Schedule @ 10.0 mils wet @ 50% RH (B60VQ655 Hardener):

	@ 55°F	@ 72°F	@ 95°F
To touch:	16-24 hours	6-12 hours	4-8 hours
To recoat:			
minimum:	36 hours	8 hours	6 hours
maximum:	72 hours	72 hours	72 hours
Foot Traffic:	48 hours	24 hours	18 hours
Heavy Traffic	96 hours	72 hours	60 hours
To cure:	7 days	7 days	7 days
Pot Life:	60 minutes	40 minutes	20 minutes
Sweat-in-Time:	none	none	none

Drying times are temperature, humidity and film thickness dependent.
Flash Point: 200°F, PMCC, mixed

Temperature: 55°F minimum, 95°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up:.....Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents. Reducer #54, R7K54 (clean up only)
Roller Cover.....3/8" woven with solvent resistant core
Reduction .....not recommended
Trowel.....Acceptable
Reduction .....not recommended
Squeegee.....Acceptable
Reduction .....not recommended
Spike or Loop Roller.....Required

Concrete:
1 ct. ArmorSeal 33 Primer @ 8.0 mils dft
1 ct. ArmorSeal 650 SL/RC @ 10.0 - 30.0 mils dft

Concrete:
1 ct. ArmorSeal Water Based Epoxy Primer @ 2.0 - 3.0 mils dft
1 ct. ArmorSeal 650 SL/RC @ 10.0 - 30.0 mils dft

Steel:
1 ct. Recoatable Epoxy Primer @ 4.0 - 5.0 mils dft
1 ct. ArmorSeal 650 SL/RC @ 10.0 - 30.0 mils dft

Other primers and systems may be appropriate.

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 Kg load	100 mg loss
Flexural Strength	ASTM D790	~12,400 psi
Hardness - Shore D	ASTM D2240	75
Impact Resistance	Mil-D-3134J	Direct: >160 in lb; Indirect: > 80 in lb
Nuclear Decontamination*	ASTM D4256 ANSI N 5.12	99.7% Water Wash: 98% Overall
Radiation Tolerance*	ASTM D4082 ANSI 5.12	Pass at 30 mils
Surface Burning**	ASTM E84/NFPA 225	Flame Spread Index 20: Smoke Development Index 35
Tensile Strength	ASTM D638	~6,000 psi

* Substrate: Concrete
** ArmorSeal WB Primer (Clear) at 2.5 mils dft topcoated with ArmorSeal 650 SL/RC at 17.5 mills dft

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	No	Yes

ArmorSeal® 8100 Water Based Epoxy Floor Coating (B70-8100 Series)

ArmorSeal 8100 is the next generation in water based epoxy floor coatings; a two-component polyamine epoxy with excellent chemical and abrasion resistance. It is designed for use in commercial, industrial and residential floor applications. This product offers improved performance while maintaining ease of application properties common to water based materials. This versatile material is self-priming over concrete, can be used as a stand alone coating or as a receiver coat for paint chip floors.

- Resists yellowing
- Water clean up
- Breathable
- Chemical resistant
- Ease of application
- Acceptable for use in USDA inspected facilities

Finish: Gloss & Satin
Color: Clear (Ultra Deep Base), Haze Gray, Deck Gray, Tile Red and a wide range of tinted colors (Safety Colors are Gloss only)
Tint part A with CCE colorants at 100% strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Volume Solids: 41% ± 2%, mixed, may vary by color
VOC (EPA Method 24)**:** <50 g/L; .42 lb/gal, mixed
Mix Ratio: 4:1 by volume
Recommended Spread Rate per coat:
Wet mils: 5.0 - 12.0
Dry mils: 2.0 - 5.0
Coverage: 130 - 320 sq ft/gal approximate

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	1 hours	45 minutes	25 minutes
To recoat*:			
minimum:	8 hours	6 hours	3 hours
maximum	72 hours	72 hours	72 hours
Foot traffic:		18 hours	
Heavy traffic:		48 hours	
To Cure:	7 days	7 days	7 days
Pot Life:	8 hours	5 1/2 hours	3 1/2 hours
Sweat-in-Time:	none	none	none

Drying times are temperature, humidity and film thickness dependent.
* If recoating after 72 hours, abrade surface first.
Flash Point: >230°F Seta Flash, mixed

Temperature: 50°F minimum, 100°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water
Clear/Ultradeep tint base requires reduction of 5% by volume
Brush .....Nylon/Polyester or Natural Bristle
Reduction .....as needed up to 10% by volume, for primer coat only
Roller .....1/4"-3/8" woven with solvent resistant core
Reduction .....as needed up to 10% by volume, for primer coat only

Concrete Floors, unpainted:
1 ct. ArmorSeal 8100 @ 2.0-4.0 dft
(reduced with one pint of water per gallon)
2 cts. ArmorSeal 8100 @ 2.0-4.0 dft/ct

Concrete Floors, previously painted:
(Spot prime bare areas with)
1 ct. ArmorSeal 8100 @2.0-4.0 dft
2 cts. ArmorSeal 8100 @2.0-4.0 dft/ct

The systems listed above are representative of the product's use, other systems may be appropriate.

System Tested:
2 cts. ArmorSeal 8100 @ 2.0 - 4.0 mils dft/ct

Substrate: Concrete
Surface Preparation: Clean, dry, sound

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	150 mg loss
Adhesion	ASTM D4541	550 psi concrete
Finish	Satin Gloss	15-25 units @ 85° 90 + units @ 60°
Flexibility	ASTM D522,	180° bend, 1/8" mandrel
Impact Resistance	ASTM D2794	Direct 100 in.lb. Indirect 80 in.lb.
Pencil Hardness	ASTM D3363	H
WVP Perms (US)	Grains (hr ft2 in Hg)	Gloss - 2.0 Satin - 5.0
Slip Resistance, Floors	ASTM C1028** .60 Min Static Coefficient of Friction	Passes wet and dry, with and without SharkGrip Additive
Hot Tire Pick-Up	ITM @140°F	Passes

**Test method withdrawn in 2014 without replacement.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes

ArmorSeal® HS Polyurethane Floor Enamel (B65-220 Series)

ARMORSEAL HS POLYURETHANE FLOOR ENAMEL is a heavy duty, two component, exterior/interior, high solids, polyester-aliphatic urethane industrial floor coating. Provides a high gloss, excellent chemical resistance, color retention and chalk resistance.

- Outstanding resistance to a wide range of chemical, weather and mechanical conditions.
- Abrasion and impact resistant.
- Excellent exterior color and gloss retention.
- Suitable for use in USDA inspected facilities.

Finish: Gloss
Color: Wide range of colors available
Volume Solids: 71% ± 2%, mixed, may vary by color
VOC (EPA Method 24)**:** <250 g/L; 2.1 lb/gal, mixed, unreduced
VOC may vary by base & sheen <340 g/L; 2.8 lb/gal, mixed, reduced 10%
Mix Ratio: 2:1 by volume
Recommended Spread Rate per coat:
Wet mils: 3.0 - 4.5
Dry mils: 2.0 - 3.0
Coverage: 380 - 570 sq ft/gal approximate

Drying Schedule @ 3.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@100°F
To touch:	16 hours	2 hours	30 minutes
To handle:	24 hours	10 hours	2 hours
foot traffic:	24 hours	12 hours	8 hours
heavy traffic:	5 days	72 hours	48 hours
To recoat:			
minimum:	24 hours	12 hours	2 hours
maximum:	3 days	48 hours	24 hours
To cure:	7 days	7 days	5 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Pot Life: 5 hours 4 hours 45 minutes
Sweat-in-Time: None required
Flash Point: 102°F TCC, mixed

Temperature: 40°F minimum, 100°F maximum
air, surface, and material
At least 5°F above dew point
Relative humidity: 75% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents. Reducer R6K30 or R7K225

Airless Spray
Pressure .....2400 - 3000 psi
Hose .....3/8" ID
Tip.....013" - .017"
Filter.....60 mesh
Reduction .....As needed up to 10% by volume
Brush.....Natural Bristle
Reduction .....Not recommended
Roller.....1/4" woven with solvent resistant core
Reduction .....Not recommended

Concrete/Wood:
1 ct. ArmorSeal 1000HS (reduced 1 pt/gal with R7K54)
2 cts. ArmorSeal HS Polyurethane Floor Enamel @ 2.0 - 3.0 mils dft/ct

Steel:
1 ct. Recoatable Epoxy Primer @ 4.0-5.0 mils dft
2 cts. ArmorSeal HS Polyurethane Floor Enamel @ 2.0 - 3.0 mils dft/ct

Painted Surfaces in Sound Condition:
1-2 cts. ArmorSeal HS Polyurethane Floor Enamel @ 2.0 - 3.0 mils dft/ct
Other primers and systems may be appropriate.

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	63 mg loss (average of 5 trials)
Adhesion, steel (epoxy primer)	ASTM D3359 Method B; ASTM D4541	5B, 100% Retention (ASTM D3359); 1200 psi (ASTM D4541)
Adhesion, concrete (epoxy primer)	ASTM D4541	350 psi, 100% concrete failure
Direct Impact Resistance	ASTM D2794	100 in. lb.
Dry Heat Resistance	ASTM D2485	200°F (93°C), 250°F (121°C) intermittent
Exterior Durability	2 years at 45° South	Excellent, 87% gloss retention
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Humidity Resistance	ASTM D4585, 100°F, 2000 hours	No blistering, cracking, softening or delamination
Pencil Hardness	ASTM D3363	H
Salt Fog Resistance, with primer	ASTM B117, 1000 hours	Rating 10 per ASTM D610 for rusting, less than 1/16" creepage at scribe. No blistering, cracking, softening, or delamination of the film.
Slip Resistance, Floors	ASTM C1028**, .60 Minimum Static Coefficient of Friction	Passes wet and dry without SharkGrip Additive, and dry with SharkGrip Additive

**Test method withdrawn in 2014 without replacement.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No
If reduced	Yes	No	No	No	No	Yes	Yes	No	No	No	No

ArmorSeal® Rexthane™ I Floor Coating (B65-60 Series)

ArmorSeal Rexthane I Floor Coating is a high solids, single component, aliphatic, moisture cure urethane industrial floor coating. This urethane coating cures to a high gloss and chemical resistant film equivalent to two-part urethane coatings.

- Impact and abrasion resistant
- Chemical resistant
- Resists yellowing
- Interior or exterior use
- Fast "hardness" development
- Outstanding application properties
- Suitable for use in USDA inspected facilities
- Formulated specifically for brush and roller application

Finish: Gloss
Color: Clear, White, Haze Gray, Deck Gray, Sandstone, and a wide range of colors possible
Volume Solids: 68% ± 2%, **White B65W60** (calculated) may vary by color
VOC (EPA Method 24)**:** <300 g/L; 2.5 lb/gal unreduced
VOC may vary by base & sheen 340 g/L: 2.8 lb/gal reduced 10%
Recommended Spread Rate per coat:
Wet mils: 3.0 - 4.5
Dry mils: 2.0 - 3.0
Coverage: 358 - 537 sq ft/gal approximate

Drying Schedule @ 3.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 100°F
To touch:	4 hours	2 hours	30 minutes
To recoat			
minimum:	48 hours	9 hours	3 hours
maximum:	14 days	14 days	14 days
Foot Traffic:	48 hours	24 hours	12 hours
Heavy Traffic:	7 days	3 days	3 days
To cure:	7 days	3 days	3 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: 111°F TCC

Temperature:
air and surface 20°F minimum, 100°F maximum
material: 40°F minimum
Do not apply over surface ice
Relative humidity: 30% minimum, 99% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Clean spills, splatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents. Aromatic 100, R2K5 or R7K65
Brush.....Natural Bristle
Reduction .....As needed, up to 10% by volume
Roller Cover.....Mohair roller
Reduction .....As needed, up to 10% by volume with R7K65

Concrete:
1 ct. ArmorSeal 1000 HS, reduced 10% @ 1.5 - 2.0 mils dft
1-2 cts. ArmorSeal Rexthane I @ 2.0 - 3.0 mils dft/ct

Concrete - smooth:
2 cts. ArmorSeal Rexthane I @ 2.0 - 3.0 mils dft/ct

Wood:
1-2 cts. ArmorSeal Rexthane I @ 2.0 - 3.0 mils dft/ct
Other primers and systems may be appropriate.

System Tested:
1 ct: ArmorSeal 1000 HS Clear @ 5.0 mils dft
1 ct: ArmorSeal Rexthane I @ 2.0 mils dft

Substrate: Concrete
Surface Preparation: SSPC-SP13/NACE 6

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	116 mg loss
Adhesion	ASTM D4541	350 psi, 100% concrete failure
Hot Tire Pick-up	ITM P213.00 @ 140°F	Pass
Moisture Condensation Resistance	ASTM D4585, 100°F, 1000 hours	Rating 10 per ASTM D714 for blistering
Pencil Hardness	ASTM D3363	H
Slip Resistance, Floors	ASTM C1028**, .60 Minimum Static Coefficient of Friction	Passes wet and dry, with and without SharkGrip Additive

**Test method withdrawn in 2014 without replacement.

Resists fumes, splash, and spillage of mild acids, alkalies, salts, aliphatic and aromatic hydrocarbon solvents, lubricating oils and Skydrol. (ASTM D1308).

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	Yes	No	No	No	No

ArmorSeal® Tread-Plex™ Water Based 100% Acrylic Floor Coating (B90-100 Series)

ArmorSeal Tread-Plex is a general purpose, interior/exterior, 100% acrylic, waterborne floor coating. This product dries rapidly to a tough, alkali resistant finish which will withstand hard wear, abrasion, grease, oils and cleaning equipment.

- One component
- Fast dry
- Abrasion resistant
- Suitable for use in USDA inspected facilities.
- Water clean up
- Slip resistant properties

Finish: Semi-Gloss
Color: Wide variety of colors available
Volume Solids: 43% ± 2%, may vary by color
VOC (EPA Method 24)**:** <100 g/L, <0.83 lb/gal

VOC may vary by base & sheen

Recommended Spread Rate per coat:

Wet mils:	3.5 - 4.5
Dry mils:	1.5 - 2.0
Coverage:	345 - 460 sq ft/gal approximately

Apply by brush or roller only.

Drying Schedule @ 4.0 mils wet @ 50% RH:

	@ 55°F	@ 77°F	@ 100°F
To touch:	45 minutes	30 minutes	10 minutes
To recoat:	6 hours	4 hours	30 minutes
Foot traffic:	18 hours	8 hours	1 hour
Heavy traffic:	24 hours	18 hours	6 hours
To cure:	7 days	7 days	7 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: N/A

Temperature: 50°F minimum, 100°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water

Brush .....Nylon/Polyester
Roller .....1/4”-3/8” woven with solvent resistant core
Reduction .....as needed up to 6% by volume

Concrete Floors:
2 cts. ArmorSeal Tread-Plex @1.5-2.0 mils dft/ct

Wood Floors:
2 cts. ArmorSeal Tread-Plex @1.5-2.0 mils dft/ct

Previously Painted Floors in Sound Condition:
1-2 cts. ArmorSeal Tread-Plex @1.5-2.0 mils dft/ct
Other primers and systems may be appropriate.

System Tested:
2 cts: ArmorSeal Tread-Plex @ 4.0 mils dft

Substrate: Concrete
Surface Preparation: Clean, dry, sound

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	No more than 37 mg loss
Adhesion	ASTM D4541; ASTM D3359	702 psi (ASTM D4541); 5A (ASTM D3359)
Direct Impact Resistance, on steel	ASTM D2794	30 in. lb.
Dry Heat Resistance	ASTM D2485	150°F, intermittent at 200°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity Resistance	ASTM D4585, 500 hours	Rating 10 per ASTM D714 for blistering
Pencil Hardness	ASTM D3363	F
Scrub Resistance (3 mils dft)	ASTM D2486, Section 8	Passes 1000 cycles minimum
Slip Resistance, Floors	ASTM C1028**, .60 Minimum Static Coefficient of Friction	Passes wet and dry, with and without SharkGrip Additive
Wet Adhesion (one coat @ 2.0 mils dft)	TT-P-1511A, 6000 cycles	Pass

**Test method withdrawn in 2014 without replacement.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Bond-Plex™ Waterbased Acrylic Coating (B71-200 Series)

Bond-Plex WB Acrylic is a single component, waterborne acrylic, adhesion promoting coating formulated for direct application to pre-finished metal siding. Suitable for interior or exterior use.

- Eliminates the use of a primer over pre-finished siding
- Outstanding adhesion
- Outstanding application characteristics
- Suitable for use in USDA inspected facilities

Finish:	Extra White & Colors - Low Sheen; Aluminum - Gloss	
Color:	Wide range of colors available	
Volume Solids:	**Extra White**	**Aluminum**
(May vary by color)	41% ± 2%	41% ±2%
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	139 g/L; <1.16 lb/gal
VOC may vary by base & sheen	(unreduced)	(unreduced)

Recommended Spread Rate per coat:

	White & Colors	**Aluminum**
Wet mils:	5.0 – 10.0	5.0 – 10.0
Dry mils:	2.0 – 4.1	2.0 – 4.1
Coverage, sq ft/gal:	160 – 330	160 – 330

Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 50°F	**@ 77°F**	**@ 120°F**
To touch:	1 ½ hour	45 min	20 min
To handle:	6 hours	4 hours	2 hrs
To recoat:	8 hours	4 hours	2 hrs
To cure:	14 days	7 days	5 days

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Temperature: 50°F minimum, 120°F maximum
air, surface, and material
at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up: .....Water

Airless Spray

Pressure .....2400 psi
Hose .....1/4" - 3/8" ID
Tip.....017" - .019"
Filter.....60 mesh
Reduction .....as needed up to 10% by volume

Brush .....Nylon/Polyester
Reduction .....not recommended

Roller .....1/4" woven w/ solvent resistant core
Reduction .....not recommended

Pre-finished Siding:
Fluorocarbon, Silicon Polyester, Polyester Polymers:
1-2 cts. Bond-Plex WB Acrylic
or
1 ct. DTM Bonding Primer
1-2 cts. Bond-Plex WB Acrylic

Previously Painted, Hard, Slick or Glossy Surfaces:
1-2 cts. Bond-Plex WB Acrylic
or
1 ct. DTM Bonding Primer
1-2 cts. Bond-Plex WB Acrylic

Always check compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion.
Other primers and systems may be appropriate.

System Tested: (*unless otherwise noted below)
1 ct. Bond-Plex WB Acrylic @ 2-4 mils dft

Substrate: Pre-Finished Siding
Surface Preparation: SSPC-SP1

Test Name	Test Method	Results
Adhesion	ASTM D4541	1477psi
Corrosion Weathering*	ASTM D5894, 5 cycles,	Rating 8.5 per ASTM D610 for rusting; Rating 10 per ASTM D714 for blistering
Direct Impact Resistance	ASTM D2794	Direct: >176in. lbs.
Dry Heat Resistance	ASTM D2485	200°F
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Humidity Resistance	ASTM D4585, 1443 hours	Rating 10 per ASTM D610 for rusting; Rating 10 per ASTM D714 for blistering
Pencil Hardness	ASTM D3363	1.5B
Salt Fog Resistance*	ASTM B117, 274 hours	Rating 8 per ASTM D610 for rusting; Rating 8D per ASTM D714 for blistering

*with 1 ct. Pro Industrial Pro-Cryl Primer 1ct Bond-Plex

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
White	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	No	Yes
Aluminum	Yes	Yes	No	Yes	Yes	Yes	NA	Yes	Yes	No	No

Builders Solution® Interior Latex Finishes (Flat A61/Matte A64/Eg-Shel A62)

Builders Solution Interior Latex Matte, Flat, and Eg-Shel are high quality products designed for the professional. These products have good washability and durability as well as excellent touch-up.

Builders Solution Interior Latex Matte, Flat, and Eg-Shel are recommended for interior application on walls and ceilings of primed plaster, wallboard, wood, masonry and primed metal.

Builders Solution Interior Latex Matte and Flat with ***Accutouch Technology***™ deliver excellent touch-up that keeps walls looking great; while providing the contractor with a product that, when used on repair work, will not highlight the touch-up area. **Builders Solution Matte** and **Flat** are formulated to touch-up even in darker colors.

The **Builders Solution System** delivers excellent results when compared to entry-level Builders products.

- Good washability
- Excellent final appearance
- High Build Surfacer that hides minor surface defects
- Minimizes callbacks
- Excellent touch-up

Builders Solution Interior Surfacer

- Fills and surfaces rough and uneven new **drywall** construction
- Uniforms various porosities between **drywall paper** and **joints**
- Ensures the finish coat will be a smooth and uniform sheen
- Minimizes minor surface imperfections: paper fuzz, minor sanding grooves, nicks, pinholes.

When properly applied to a drywall surface with a minimum of a Level 4 finish, Builders Solution Interior Surfacer will provide a Level 5 finish. Based on the Gypsum Association publication GA-214 and ASTM C840.

Temperature:	50°F minimum, 100°F maximum (air, surface, and material), at least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction needed.

Spray—Airless

Pressure	2000 psi
Tip	.017”-.021”
Brush	Use a nylon/polyester brush.
Roller	Use a 3/8” - 3/4” nap synthetic cover.

Drywall

Self-prime using 2 cts. of Builders Solution Interior Latex Flat
or

1 ct.	ProMar 200 Zero VOC Latex Primer
or	Builders Solution Primer/Surfacer
1 or 2 cts.	Builders Solution Interior Latex Topcoat

Masonry

1 ct.	Builders Solution Primer/Surfacer
or	Loxon Concrete & Masonry Primer/Sealer
1 or 2 cts.	Builders Solution Interior Latex Topcoat

Metal

1 ct.	Pro Industrial Pro-Cryl Universal Primer
1 or 2 cts.	Builders Solution Interior Latex Topcoat

Plaster

1 ct.	Premium Wall & Wood Primer
or	Builders Solution Primer/Surfacer
1 or 2 cts.	Builders Solution Interior Latex Topcoat

Wood

1 ct.	Premium Wall & Wood Primer
1 or 2 cts.	Builders Solution Interior Latex Topcoat

Product	**Flat**	**Matte**	**Eg-Shel**
Color:	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:			
sq ft/gal	350 - 400	350 - 400	350 - 400
mils wet/dry	4.0 / 1.36	4.0 / 1.3	4.0 / 1.6
Drying Schedule @ 77°F @ 50% RH	Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A
Finish: units @ 85°	0 - 4	1 - 3	15 - 20
	Extra White A61W00151	**Extra White A64W00051**	**Extra White A62W00051**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	93 g/L; 0.78 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	34 ± 2%	33 ± 2%	41 ± 2%
Weight per Gallon:	11.34 lb	11.47b	10.77 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Matte	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Eg-Shel	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No

Cashmere® Interior Latex Finishes

Cashmere Interior Latex Flat Enamel was developed primarily for the residential repaint contractor. This paint and primer in one provides the residential repaint contractor with a very silky and easy to apply product. The results are a high hiding wall paint with a unique, smooth, low-stipple finish that looks good from all angles. This coating is scrubbable for easy cleaning and maintenance.

Flat Enamel .....D16 Series
Pearl Lustre .....D15 Series
Low Lustre.....D17 Series
Medium Lustre.....D18 Series

Temperature: 50°F minimum, 100°F maximum air, surface, and material

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Brush .....Use a nylon/polyester brush.
.....(Preferred Brush = Purdy Clearcut or XL)
No reduction needed.
Roller .....Use a 3/8" - 3/4" nap synthetic cover.
.....(Preferred Rollers = Contractor Series Soft Woven)
No reduction needed.
Spray—Airless
Pressure .....2000 psi
Tip.....017"-.021"
No reduction needed.

Block
1 ct. Loxon Acrylic Block Surfacer
or
1 ct. ConFlex Block Filler
2 cts. Cashmere Interior Latex

Drywall
Self-prime using 2 cts. of Cashmere Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. Cashmere Interior Latex

Masonry
1 ct. Loxon Concrete & Masonry Primer/Sealer
2 cts. Cashmere Interior Latex

Plaster
1 ct. Premium Wall & Wood Primer
2 cts. Cashmere Interior Latex

Wood
1 ct. Premium Wall & Wood Primer
2 cts. Cashmere Interior Latex

Other primers may be appropriate.

When painting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Flat Enamel	**Low Lustre**	**Pearl Lustre**	**Medium Lustre**
Color:	Most colors	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:				
sq ft/gal	350 - 400	350 - 400	350 - 400	350 - 400
mils wet/dry	4.0 / 1.6	4.0 / 1.6	4.0 / 1.6	4.0 / 1.5
Drying Schedule @ 77°F @ 50% RH	Drying times are temperature, humidity and film thickness dependent.			
Touch:	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hour	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish: units	3-6 @ 85°	5-15 @ 60°	15-25 @ 60°	50-60 @ 60°
	D16W00151	**D17W00151**	**D15W00151**	**D18W00151**
	Extra White	**Extra White**	**Extra White**	**Extra White**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	39 ± 2%	41 ± 2%	41 ± 2%	38 ± 2%
Weight per Gallon:	11.09 lb	10.86 lb	10.52 lb	9.90 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Low Lustre	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Pearl Lustre	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Medium Lustre	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Ceiling Paint - Eminence® Interior Latex Flat Ceiling Paint/ProMar® Ceiling Interior Latex Flat

Eminence Interior Latex Ceiling Paint is a bright white, high hiding, extremely flat finish. **Eminence** is for use on ceilings of wallboard, plaster and wood that are bare, primed or previously coated, and masonry that is primed or previously coated.

Color: Bright White
Recommended Spread Rate per coat:

Wet mils	4.0
Dry mils	1.2
Coverage	350 - 400 sq ft/gal

Drying Schedule @ 77°F @ 50% RH:

Touch:	1 hour
Recoat:	4 hours

Drying times are temperature, humidity and film thickness dependent.
Finish: 0 - 5 units @ 85°
Flash Point: N/A
A27W02815
VOC (less exempt solvents)**:**
<50 g/L, <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 29 ± 2%
Weight per Gallon: 11.56 lb
Temperature: Apply at temperatures above 50°F
No reduction necessary

Relative humidity: 50°F minimum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean up ..... Water
Brush ..... Use a nylon/polyester brush.
Roller ..... Use a 1/2” nap or greater Purdy White Dove or Soft Woven cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .017”-.021”

Eminence Interior Latex Ceiling Paint can be used directly over existing coatings, or bare drywall, plaster (cured with a pH of less than 9), and non-bleeding wood.
Block:
1 ct. Loxon Acrylic Block Surfacer or ConFlex Block Filler
2 cts. Eminence Ceiling Paint
Drywall/Plaster/Wood:
Self-prime using 2 cts. of Eminence Interior Latex Ceiling Paint or
1 ct. Premium Wall & Wood Primer
1or2 cts. Eminence Interior Latex Ceiling Paint
Masonry:
1 ct. Loxon Concrete & Masonry Primer
1or2 cts. Eminence Interior Latex Ceiling Paint

ProMar Ceiling Paint Interior Latex Flat is a professional quality, interior vinyl acrylic super flat finish for use on ceilings. The super flat finish of ProMar Ceiling Paint helps conceal small flaws, and its good hide makes short work of large paint jobs.

Color: Light colors
Recommended Spread Rate per coat:

Wet mils	4.0
Dry mils	1.2
Coverage	350 - 400 sq ft/gal

Drying Schedule @ 77°F @ 50% RH:

Touch:	1 hour
Recoat:	4 hours

Drying times are temperature, humidity and film thickness dependent.
Finish: 0 - 2 units @ 85°
Flash Point: N/A
A27W05050
VOC (less exempt solvents)**:**
<50 g/L, <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 29 ± 2%
Weight per Gallon: 11.25 lb
Temperature: Apply at temperatures above 50°F
No reduction necessary

Relative humidity: 50°F minimum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean up ..... Water
Brush ..... Use a nylon/polyester brush.
Roller ..... Use a 3/8” - 3/4” nap synthetic cover.
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .017”-.021”

ProMar Ceiling Paint can be used directly over existing coatings, or bare drywall.

Block:
1 ct. Loxon Acrylic Block Surfacer or ConFlex Block Filler
2 cts. ProMar Ceiling Paint
Drywall:
Self-prime using 2 cts. of ProMar Ceiling Paint or
1 ct. ProMar 400 Zero VOC Latex Primer
1or2 cts. ProMar Ceiling Paint
Wood & Plaster (Plaster cured with a pH of less than 9):
1 ct. Premium Wall & Wood Primer
2 cts. ProMar Ceiling Paint
Masonry:
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProMar Ceiling Paint

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
A27W02815	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes
A27W05050	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes

ConFlex™ Acrylic Coating (CF13 Series)(Formerly Loxon Exterior Acrylic Coating, A24-300 Series)

ConFlex Acrylic Coating is specifically engineered for exterior, above-grade, masonry surfaces requiring durability and performance protection. When primed with Loxon Concrete and Masonry Primer, it is highly alkali and efflorescence resistant. This system provides a durable and weather resistant finish to concrete, cement composition panels, concrete block, brick, and stucco. This combination may be applied to a surface with a pH of 6 to 13.

Mildew Resistant - This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Color: Most colors

Recommended Spread Rate per coat:

Wet mils	8.0
Dry mils	3.5
Coverage sq ft/gal:	200

Coverage on porous and rough stucco 80 square feet per gallon.

Drying Schedule @ 77°F @ 50% RH

To touch:	4 hours
To recoat:	24 hours

Drying times are temperature, humidity and film thickness dependent.

Finish: 0-10 units @ 85°

Flash Point: N/A

Extra White CF13W0051

Vehicle Type: Acrylic

VOC (Less exempt solvents)**:** <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 44 ± 2%

Weight per Gallon: 11.47 lb

Temperature: 50°F minimum, 100°F maximum (air, surface, and material) at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up .....Water

Brush .....Nylon/Polyester

Roller .....1/2" - 1½" synthetic

Airless Spray

Pressure .....2000 -2700 psi

Tip.....021"

Concrete, Concrete Block, CMU, Split-face Block

1 ct. Loxon Concrete & Masonry Primer/Sealer

2 cts. ConFlex Acrylic Coating

For extremely porous block, a coat of Loxon Block Surfacer may be required to achieve a pinhole free surface.

Block

1 ct. ConFlex Block Filler

or Loxon Acrylic Block Surfacer

or Pro Industrial Heavy Duty Block Filler

2 cts. ConFlex Acrylic Coating

Stucco

1 ct. Loxon Concrete & Masonry Primer/Sealer

2 cts. ConFlex Acrylic Coating

Spray and backroll on porous and rough stucco to achieve required film build and a pin-hole free surface.

System Tested: (*unless otherwise noted)
ConFlex Acrylic Coating CF13W0051

Substrate: Concrete

Test Name	Test Method	Results
Wind-Driven Rain Test	ASTM D6904-03	Pass
Water Vapor Permeance	Based on ASTM D1653	23.3 perms
Elongation	ASTM D2370	316%
Tensile Strength	ASTM D2370	173 psi
Flexibility	ASTM D522 - Method B, 180° bend 1/8" mandrel	Pass
Alkali Resistance	Based on ASTM D1308	Pass
Mildew Resistance	ASTM D3273/D3274	Pass

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

ConFlex™ Flexible Concrete Waterproofer (CF14 &15 Series) (Formerly Sher-Crete Flexible Waterproofer, A05-Series)

ConFlex Flexible Concrete Waterproofer – Smooth and Textured are interior/exterior flexible and breathable waterproof coatings based on a unique combination of acrylic resin and/or acrylic resin and mineral aggregate.

Use **ConFlex Flexible Concrete Waterproofer** to waterproof all types of above or on-grade concrete and masonry including foundations, block walls, balconies, window and door openings, walkways, parapets, planter boxes and vertical or horizontal concrete substrates.

Smooth .....CF14 Series
Textured.....CF15 Series

Advantages

- Apply to fresh concrete (less than 28 days old)
- Can be applied over high pH (up to 13) substrates
- Primer not typically required over properly prepared surfaces.

Finish Flat
Color: Most colors
Coverage 125 to 150 ft per gal.
10 - 12 mils wet per coat

2 coats of the ConFlex Flexible Concrete Waterproofer at 10 - 12 wet mils per coat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

Coverage will vary depending on the porosity and texture of the substrate.

Drying Schedule @ 77°F @ 50% RH:

Touch: 1 hour
Recoat: 4 hours
For foot traffic 24 hours

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A
VOC (less exempt solvents)**: CF14W0051 & CF15W0051**
<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.1
Volume Solids: 47% ± 2% (Smooth) **CF14W0051**
52% ± 2% (Textured) **CF15W0051**
Weight per Gallon: 11.58 lb (Smooth) **CF14W0051**
12.72 lb (Textured) **CF15W0051**

For maximum protection and washability, 2 coats of the following clear coats are recommended:

Low/Medium traffic pedestrian areas
H&C Ultrapaver Water-Based Paver Sealer Gloss or Natural
or H&C Clarishield Water-Based Wet-Look Concrete Sealer

Temperature: 50°F minimum, 100°F maximum (air, surface, and material), at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. *Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up: Water
Reducer: Do not reduce
Brush: Nylon/Polyester brush
(avoid over-brushing which causes air bubbles)
Roller: ¾" to 1½" nap synthetic roller cover
(avoid rapid rolling which causes bubbling)
Notched squeegee with backroll:
Use proper finish roll application technique to avoid roller tracking.
Texture Sprayer-Low Pressure
Tip orifice 4

ConFlex Flexible Concrete Waterproofer can be used as a stand-alone product or may be over-coated to provide a surface that will be smoother and easier to keep clean and to improve the abrasion resistance in areas that see significant foot traffic.

Over-coating should be done after it has dried for at least 4 hours (77°F and 50% RH) and before it is exposed to any use. Follow all application and dry time information found on the label and data page for the specific over-coat.

Slip Resistance

Some surfaces may require a slip resistant additive for safety. Add H&C SharkGrip® Slip Resistant Additive to the final coat applied following label instructions. This product should not be used in place of a non-skid surface.

REPORT	TEST METHOD	TEST CRITERIA	Smooth(CF14W0051)	Textured (CF15W0051)
Tensile Strength	ASTM D-412	without mesh	215 psi	100 psi
Elongation	ASTM D-412	without mesh	250%	57%
Flexibility Mandrel Bend	ASTM D-522	28 days	Pass 1/8"	Pass 1/8" @ 77°F Pass
Water Absorption	ASTM D-570	24 hour immersion		17%
Water Vapor Permeability	ASTM D-1653	U. S. Perms	16 perms	12 perms
Abrasion Resistance	ASTM D-4060-90	1,000 cycles 24 hr cure	0.04 gram loss	0.01 gram loss

Meets Requirements for Coefficient of Friction	Static Coefficient of Friction	Kinetic Coefficient of Friction
CF15W0051	1.13	0.81
CF15W0053	1.09	0.81

Typical values for material cured at 73° F (23° C) and 50% R.H.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Smooth	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Textured	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

ConFlex XL™ High Build Smooth and Textured (CF11 &12 Series) (Formerly A05-450/800 Series)

ConFlex XL High Build Coatings are elastomeric coatings that provide excellent flexibility, durability, and weather resistance. These products will protect against wind-driven rain when used on tilt-up, precast, or poured-in-place concrete, CMU, and stucco.

Smooth	CF11 Series
Textured	CF12 Series

Color:	most colors	
2 coat system, spray applied:		
	Smooth	
Wet mils	13 - 16	
Dry mils	6.0 - 7.5	
Coverage	100 - 125 sq ft/gal	
1 coat system, spray applied:		
	Smooth	**Texture**
Wet mils	26 - 32	20 - 23
Dry mils	12 - 15	8.8 - 10.2
Coverage sq ft/gal	50 - 60	70 - 80
Drying Schedule @ 77°F @ 50% RH:		
Touch:	4 hours	4 hours
Recoat:	24 hours	24 hours
Drying times are temperature, humidity and film thickness dependent.		
Flash Point:	N/A	N/A
Finish: units @ 85°	0-10	0-10
	Smooth(CF11W51)	**Textured (CF12W810)**
VOC(less exempt solvents)**:**	<50 g/L, <0.42 lb/gal	98 g/L, 0.82 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	47 ± 2%	44 ± 2%
Weight per Gallon:	11.58 lb	10.39 lb

Temperature:	50°F minimum, 100°F maximum (air, surface, and material), at least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Do not reduce.

Brush - Use a nylon/polyester brush. Avoid over-brushing which causes air bubbles.

Roller - Use a ½" to 1½" nap synthetic roller cover. Avoid rapid rolling which causes bubbling.

Smooth: Spray—Airless

Pressure, minimum.....2300 psi
Tip, minimum.....021"

Textured: Spray—Conventional (equipment must be specifically designed for aggregate coatings)

Graco.....TexSpray RTX 1500
Titan.....PowrTex™ 12000SV

The substrate and its condition will determine the application procedure.

Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

A minimum total dry film thickness of 12 - 15 mils of topcoat (excluding texture) and a surface with 10 or less pinhole per square foot is required for a waterproofing system.

Concrete, Stucco

1 ct.	Loxon Concrete & Masonry Primer/Sealer
1-2 cts	ConFlex XL High Build Coating
or	
1 ct.	Loxon Concrete & Masonry Primer/Sealer
1 ct.	ConFlex XL High Build (optional)
1 ct.	ConFlex XL Textured High Build

Concrete Block, CMU, Split-face Block

1 ct.	Loxon Acrylic Block Surfacer
2 cts	ConFlex XL High Build Coating
or	
1 ct.	Loxon Acrylic Block Surfacer
1 ct.	ConFlex XL High Build (optional)
1 ct.	ConFlex XL Textured High Build

Previously Coated

1 ct.	Loxon Acrylic Conditioner
1-2 cts	ConFlex XL High Build Coating

For 2 coat Texture systems, use ConFlex XL High Build Coating Smooth as the first coat

	Smooth CF11W51	**Textured CF12W810**
Wind-Driven Rain Test ASTM D6904-03	Pass	Pass
Water Vapor Permeance ASTM D1653	16.9 perms	21.74 perms
Elongation ASTM D2370	250%	383%
Tensile Strength ASTM D2370	215 psi	288psi
Low Temperature Flexibility ASTM-D522, Method B, 10°F	Pass	Pass

These results are based upon tests conducted by or on behalf of The Sherwin-Williams Company and are general indicators of performance only. Application, conditions, dry and cure times, film thickness and test interpretation can influence the results.

Mildew Resistant

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Smooth	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Textured	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

ConFlex™ SherLastic® Elastomeric Masonry Coating (CF16 Series) (Formerly A05-650 Series)

ConFlex SherLastic Elastomeric Masonry Coating is a 100% acrylic coating that provides excellent flexibility, durability and weather resistance. This product will protect against wind-driven rain when used on tilt-up, precast or poured-in-place concrete, CMU and stucco. Masonry surfaces with a pH of 10 or greater must be primed using the Loxon Concrete & Masonry Primer/Sealer. New CMU should be filled with Loxon Block Surfacer.

Color: many colors

2 coat system, brush, roller or spray applied, coverage per coat:

Wet mils:	10 - 14
Dry mils:	4.0 - 6.0
Coverage:	115 - 160 sq ft/gal

1 coat system, spray applied, coverage per coat:

Wet mils:	20 - 28
Dry mils:	8.0 - 12.0
Coverage:	60 - 80 sq ft/gal

Can be applied up to 30 mils wet.

Coverage will vary with the substrate and the texture.

Drying Schedule @ 77°F @ 50% RH:

Touch:	4 hours
Recoat:	24 hours

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Finish: 5-10 units @ 85°

Extra White CF16W0051
(may vary by base)

VOC (less exempt solvents)**:** <50 g/L <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 39 ± 2%

Weight per Gallon: 10. 79 lb

Mildew Resistant

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Temperature: 50°F minimum, 100°F maximum (air, surface, and material), at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up: ..... Water

Reduction: ..... Not recommended

Brush: ..... Nylon/Polyester brush

(avoid over-brushing which causes air bubbles)

Roller: ..... ½" to 1½" nap synthetic roller cover

(avoid rapid rolling which causes bubbling)

Spray—Airless:

Pressure, minimum ..... 2300 psi

Tip, minimum ..... .021"

The substrate and its condition will determine the application procedure.

Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

A minimum total dry film thickness of 8 - 12 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

Concrete, Stucco

1 ct. Loxon Concrete & Masonry Primer/Sealer
1-2 cts ConFlex SherLastic Elastomeric Masonry Coating

Concrete Block, CMU, Split-face Block

1 ct. Loxon Acrylic Block Surfacer
2 cts ConFlex SherLastic Elastomeric Masonry Coating
(2 coats recommended due to the typical porosity of these surfaces)

Previously Coated

1 ct. Loxon Concrete & Masonry Primer/Sealer
or 1 ct. Loxon Acrylic Conditioner
1-2 cts ConFlex SherLastic Elastomeric Masonry Coating

Other primers may be appropriate. When painting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Physical Properties
Extra White CF16W0051 (may vary by base)

Wind-Driven Rain Test

ASTM D6904-03 Pass

1 ct. Loxon Concrete & Masonry Primer/Sealer @3.2 mils dft
2 cts ConFlex SherLastic Elastomeric Coating @ 4.0-6.0 mils dft/ct

Water Vapor Permeance

Based on ASTM D1653 ..... 34.4 perms

1 ct. ConFlex SherLastic Elastomeric Coating @ 5.0 mils dft
14 day cure @ 77°F & 50% RH

Elongation

ASTM D2370 ..... 175%

1 ct. ConFlex SherLastic Elastomeric Coating @ 4.5 mils dft
14 day cure @ 77°F & 50% RH

Tensile Strength

ASTM D2370 ..... 230 psi

1 ct ConFlex SherLastic Elastomeric Coating @ 4.5 mils dft
14 day cure @ 77°F & 50% RH

Mandrel Bend Flexibility

ASTM-D522 - Method A ..... Pass

Low Temperature Flexibility

ASTM-D1737 @ 32°F ..... Pass

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

ConFlex™ UltraCrete™ Latex Textured Masonry Topcoat (CF17 Series) (Formerly A44-800 Series)

ConFlex UltraCrete Textured Masonry Topcoat is a 100% acrylic aggregate-filled coating used to produce a textured finish on properly prepared interior or exterior surfaces. The pleasing texture which results has the ability to minimize defects and irregularities found on poured cement aggregate block and drywall joints. The excellent adhesion of the product makes this suited for side walls, as well as for ceilings. May be used on concrete, aggregate block, drywall, cement, primed steel and primed wood.

Fine CF17W0801
Medium CF17W0811
Extra Coarse.....CF17W0821

Mildew Resistant:
This coating contains agents which inhibit the growth of mildew on the surface of this coating.

Color: Many colors
Recommended Spread Rate per coat:
50-80 sq ft/gal
Coverage will vary with the substrate and the texture.
Drying Schedule, @ 77°F @ 50% RH:
Touch: 30 minutes to 1 hour
Recoat: 2 hours
Drying times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: Low Eg-Shel
Solvent: Water

Extra White CF17W0801, Fine (may vary by base)

VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 41 ± 2%
Weight Solids: 54 ± 2%
Weight per Gallon: 10.59 lb

Temperature: 50°F minimum
air, surface, and material
at least 5°F above dew point
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Do not reduce.
Brush: Nylon/Polyester brush (small areas only)
Roller: (small areas only)
Spray – equipment must be specifically designed for aggregate coatings.

For UltraCrete Fine and Medium textures
Graco .....Graco RTX 1500
Pressure .....30-35 psi air to the pump
Tips.....3/16” or 1/4”
Reduction .....none
For UltraCrete Extra Coarse texture
Graco .....10:1 President Texture Pump

Concrete, Tilt-Up, Precast, CMU, Stucco, Masonry, Cement Composition
ConFlex UltraCrete can be used without a primer on surfaces with a pH between 6 and 9.
On high pH surfaces, 9 or greater, prime with:
1 ct. Loxon Concrete & Masonry Primer
or Loxon Acrylic Block Surfacer

Steel
1 ct. All Surface Enamel Primer
1-2 cts ConFlex UltraCrete Latex Textured Masonry Topcoat
Wood, Composition Board
1 ct. Exterior Oil Base or Latex Wood Primer
1-2 cts ConFlex UltraCrete Latex Textured Masonry Topcoat
Drywall (interior)
1 ct. ProMar 200 Zero VOC Interior Latex Primer
1-2 cts ConFlex UltraCrete Latex Textured Masonry Topcoat
Drywall (exterior)
1 ct. Exterior Latex Wood Primer
1-2 cts ConFlex UltraCrete Latex Textured Masonry Topcoat

Performance **Extra White CF17W0801 (may vary by base)**

Test Name	Test Method	Results
Wind-Driven Rain Test*	ASTM D6904-03	Pass
Water Vapor Permeance**	Based on ASTM D1653	23.0 perms
Flexibility	ASTM D522 - Method B, 180° bend, 1/4" mandrel	Pass
Alkali Resistance	Based on ASTM D1308	Pass
Impact Resistance	ASTM D2794	Pass
Salt Spray ***	ASTM B117, 300 hours	no blisters,0 rust creep rating of 10
Adhesion	ASTM D3359 Method B	Pass

* 1 ct Loxon Concrete & Masonry Primer/Sealer @ 3.2 mils dft
2 cts ConFlex UltraCrete Latex Textured Masonry Topcoat @ 13.5-18.0 mils dft/ct
** 1 ct. ConFlex UltraCrete @ 9.4 mils dft, 14 day cure @ 77°F & 50% RH
***1ct Pro Industrial Pro-Cryl Primer
1ct ConFlex UltraCrete

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Fine & Medium	Yes	Yes	No	Yes

ConFlex™ UltraCrete™ Solvent Borne Smooth & Textured Masonry Coating (CF18 Series) (Formerly B46-800 Series)

ConFlex UltraCrete Solvent Borne Texture Coating is a waterproof coating designed for use on new construction tilt-up, precast, and poured-in-place concrete to improve the aesthetics of large commercial buildings. It is available as a Smooth finish or in Fine and Medium Textures.
It may be applied in a wide temperature range and has a tolerance for marginal surface preparation (e.g. incomplete bond breakers removal, damp concrete, minor dirt and grit on the surface).

Smooth CF18W0850, CF18W0853
Fine CF18W0800
Medium CF18W0810

Color: Most Colors
1 coat system, spray applied, coverage per coat:
Textured 50-80 sq ft/gal
Smooth 100-160 sq ft/gal
Coverage will vary with the substrate and the texture.
Drying Schedule @ 50% RH:

	@ 77°F	@ 20°F
Touch:	1 - 2 hours	4 - 6 hours
Recoat:	16 hours	24 - 48 hours

At 20°F, wait a minimum of 24 hours and check to be sure the surface is tack free. If tack free, apply the second coat. If the film is still soft or if there is still an odor of mineral spirits, wait another 24 hours for the remainder of solvent to evaporate. The amount of wind and precipitation will also affect the dry and recoat times of the film, so checking for hardness is mandatory. Drying time is temperature, humidity and film thickness dependent.

Finish: 0 - 5 @ 85°
VOC (less exempt solvents)**:** <400 g/L; <3.4 lb/gal

	Flash Point	Weight Solids	Volume Solids	Weight per gal
Fine	104°F TCC	74%	50%	12.74
Medium	111°F TCC	71%	50%	11.63
Smooth	107°F TCC	75%	51%	13.05

Physical Properties: Extra White CF18W0850 (may vary by base)

- Waterproofing sealer
- Excellent resistance to efflorescence,acid and alkali resistance
- Excellent durability and stain resistance
- Excellent resistance to ultraviolet light

Wind-Driven Rain Test ..... Passes
ASTM D6904-03
ConFlex UltraCrete Smooth at 10-16 mils dft
Water Vapor Permeance..... 3.43 perms
Based on ASTM D1653
ConFlex UltraCrete Smooth at 10-16 mils dft
Advantages:

- Apply directly to fresh concrete (less than 28 days old)
- Can be applied over high pH (up to 13) substrates
- Covers most surface defects, Provides uniform color and texture
- One-coat, ready-mixed application, No primer required
- May be applied down to 20°F

Concrete, Stucco, CMU, Split-face Block
1 ct. Loxon Concrete & Masonry Primer
or Loxon Acrylic Conditioner
1 ct. ConFlex UltraCrete Solvent Borne Smooth
or
1 ct. ConFlex UltraCrete Solvent Borne Textured
or
2 cts. ConFlex UltraCrete Solvent Borne Smooth
or
1 ct. ConFlex UltraCrete Solvent Borne Smooth
1 ct. ConFlex UltraCrete Solvent Borne Textured
Previously Coated
1 ct. ConFlex UltraCrete Solvent Borne Coating Smooth or Textured

A minimum total dry film thickness of 10-16 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.
For a 2 coat textured system, the first coat should be ConFlex UltraCrete Solvent Borne Masonry Coating-Smooth, and then one coat of the ConFlex UltraCrete Solvent Borne Masonry Coating in the desired texture.

At temperatures above 50°F, **do not reduce.**
At temperatures between 20° and 50°F, 5% to 10% reduction with 100 Flash Aromatic Naphtha **ONLY**. Do not exceed 10%
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
For Smooth finish:
Brush ..... Use a natural bristle brush
Roller ..... Use a ½" - 1-½" nap synthetic cover
Airless Spray
Unit ..... Graco GMax 5900HD TexSpray
Pressure ..... 3000 psi
Tip ..... .021" - .031" RAC X
Hose ..... maximum length 100 feet
For Fine and Medium finish:
Brush ..... Natural bristle brush (small areas only)
Spray unit must be specifically designed for aggregate coatings.
Unit: ..... Graco HTX2300
Min. Compressor Size ... 8 hp @ 100 psi
Fine Texture
Engine Idle Low, Flow Control Low
4mm Nozzle, 1/8" Texture Spray Disk
Medium Texture
Engine Idle Medium, Flow Control Medium
6mm Nozzle, 1/4" Texture Disk
The substrate and its condition will determine the application procedure.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4
	Yes	No	No	No	No	Yes	NA	NA	NA	No	No

ConFlex™ 7% Siloxane Water Repellent Clear (CF31T0007) (Formerly Loxon Water Repellent, A10T7 Series)

ConFlex™ 7% Siloxane Water Repellent is a clear siloxane water repellent designed to weatherproof old and new concrete and masonry against nature's destructive forces, providing a long lasting, breathable barrier which exhibits excellent resistance to water, airborne dust and dirt, salt, acid rain, efflorescence, alkali, freeze/thaw damage and spalling.

Recommended Uses:
Most Concrete and Masonry surfaces including:

- Stadium Supports
- Bridges and Bridge Structures
- Parking Garages
- Driveways
- Concrete & brick patios
- Tilt-up and poured-in-place walls
- Concrete block
- Fluted block
- Traffic Sound Barriers
- Sidewalks
- Mortar
- Split faced block
- Brick (clay or cement)
- Stucco

Color:	**Clear**
Recommended Spread Rate per coat:	
Smooth concrete	125-175 sq ft/gal
Porous concrete	100-150 sq ft/gal
Split face block	50-75 sq ft/gal
Fluted Block	25-50 sq ft/gal
Concrete Block	75-125 sq ft/gal
Brick (Clay)	100-150 sq ft/gal
Bridge decks	100-150 sq ft/gal
Steel troweled concrete	150-200 sq ft/gal

Coverage will vary depending on the porosity and texture of the substrate.

	CF31T0007
Drying Schedule @ 77°F @ 50% RH:	
Touch:	3 hours
Recoat:	wet on wet

If a second coat is required to uniform the application, this product **MUST** be applied wet-on-wet.

Drying times are temperature, humidity and film thickness dependent.

Vehicle Type:	Siloxane
Flash Point, PMCC:	N/A
VOC (less exempt solvents)**:**	<50 g/L;<0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Active Content:	7 ± 2%
Weight per Gallon:	8.26 lb

Sherwin-Williams Technical Data for the Siloxane Water Repellent reports Active Content which is based off ASTM D5095 - Standard Test Method for Determination of the Nonvolatile Content in Silanes, Siloxanes, and Silane-Siloxane Blends Used in Masonry Water Repellents Treatments. A catalyst is used to react the treatment and some active content is consumed as the treatment polymerizes yielding a lower solids value. The total solids for this product by ASTM D5095 is 5% ± 2%.

- A single flood coat is recommended, if a second coat is needed, it MUST be applied as a wet-on-wet application or there may be intercoat adhesion problems.
- Surface texture determines actual coverage.
- Stir thoroughly before and during application.
- Air and surface temperature should be between 50°F and 90°F.
- Do not reduce.
- Protect against rain for 4 to 5 hours to allow the water repellent to become effective.
- Allow 7 days for the product to fully react before evaluating performance.
- Do not use on asphalt surfaces
- Not for immersion service.

If surface is damp or wet from weather or cleaning, allow the surface to dry thoroughly before applying any coating.

Apply by low pressure airless sprayer or pump-up sprayer. The best results are achieved when working with low spraying pressures so the impregnating solution is applied in the form of droplets rather than a mist. Use the flood method.
Vertical surfaces - saturate or "flood", allowing the material to run down 8 to 10 inches. Work from the bottom up and in sections small enough to allow the run down to remain "wet" as application continues.
Horizontal surfaces - coat with enough material to allow it to stand for a few seconds before penetrating.

Performance

	CF31T0007
Reduction in Leakage Rate (ASTM E 514, Water Permeance of Masonry)	62%
Water Repellency	
Rilem Tube (72 hrs)	76%
Immersion (3 day)	81%

Alkali Resistance Tests:
Each was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed.

Alkali:	
5% NaOH	Pass
10% NaOH	Pass

Complies with CF31T0007	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Corothane® I HS Aliphatic Finish Coat (B65 Series)

COROTHANE I HS is a single component, moisture curing urethane designed for low temperature or high humidity applications while providing UV resistance and chemical resistance equivalent to two part urethane coatings.

- Low temperature application - down to 20°F
- Excellent resistance to yellowing, chalking or degradation by sunlight
- Excellent adhesion to most prepared surfaces
- Excellent abrasion resistance
- Outstanding chemical resistance
- Suitable for use in USDA inspected facilities.

Finish: Gloss
Color: Wide range of colors available
Volume Solids: 67% ± 1%, (may vary by color)
White B65W00050
VOC (EPA Method 24)**:** <310 g/L; <2.60 lb/gal Unreduced
VOC may vary by base & sheen <340 g/L: <2.80 lb/gal Reduced 5%

Recommended Spread Rate per coat:

Wet mils:	3.5 - 5.0
Dry mils:	2.0 - 3.0
Coverage:	326 - 489 sq ft/gal approximate

Drying Schedule @ 4.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 100°F
To touch:	4 hours	2 hours	45 minutes
To recoat:			
minimum:	24 hours	12 hours	6 hours
maximum:	14 days	14 days	14 days
To cure:	7 days	3 days	3 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: 108°F, TCC

Temperature:
air and surface: 20°F minimum, 100°F maximum
material: 45°F (7°C) minimum
Do not apply over surface ice
Relative humidity: 30% minimum, 99% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up.....Clean spills, splatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer:
Brush/Roll.....Reducer #15, R7K15
Spray.....Aromatic 100 Reducer, R2K5

Airless Spray
Pump.....30:1
Pressure.....1800 - 2000 psi
Hose.....1/4" ID
Tip.....011" - .015"
Filter.....60 mesh
Reduction.....as needed up to 5% by volume

Brush.....Natural bristle
Reduction.....as needed up to 5% by volume

Roller.....¼" natural or synthetic w/solvent resistant core
Reduction.....as needed up to 5% by volume

Steel:
1 ct. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft
1 ct. Corothane I IronOx B @ 3.0 - 5.0 mils dft
1 ct. Corothane I HS @ 2.0 - 3.0 mils dft

Steel:
1 ct. Corothane I GalvaPac Zinc Primer
1 ct. Corothane I IronOx B @ 3.0 - 5.0 mils dft
1 ct. Corothane I HS @ 2.0 - 3.0 mils dft

Concrete, smooth:
1 ct. Corothane I PrePrime@ 1.0 - 1.5 mils dft
1 ct. Corothane I HS @ 2.0 - 3.0 mils dft

Concrete, rough:
On deeply profiled or damaged concrete floor:
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10.0 - 20.0 mils dft
1 ct. Corothane I HS @ 2.0 - 3.0 mils dft
Other primers and systems may be appropriate.

System Tested:
1 ct. Corothane I MIO-Aluminum @ 3.0 mils dft
1 ct. Corothane I HS @ 3.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP6

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	80 mg loss
Adhesion	ASTM D4541	1296 psi
Corrosion Weathering	ASTM D5984, 12 cycles, 4032 hours	Rating 10 per ASTM D610 Rusting; Rating 10 per ASTM D714 Blistering
Direct Impact, topcoat only	ASTM D2794	70 in lb
Dry Heat Resistance	ASTM D2485	250°F
Flexibility, topcoat only	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity	ASTM-D4585, 1000 hours	Rating 10 per ASTM D610 for Rusting; Rating 10 per ASTM D714 for Blistering
Pencil Hardness	ASTM D3363	HB
Salt Fog Resistance	ASTM B117, 1000 hours	Rating 10 per ASTM D610 for Rusting; Rating 10 per ASTM D714 for Blistering
Thermal Cycling	ASTM D2246, 15 cycles	Passes, no cracking, checking, or blistering; no loss of adhesion, 100% gloss retention

Meets requirements of SSPC Paint 38, Level II.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	Yes	NA	NA	No	No

Corothane® 1 Mio-Aluminum (B65S14)

COROTHANE I Mio-Aluminum is a single component, moisture curing, aluminum and Micaceous Iron Oxide (MIO) filled, urethane primer, intermediate coating or finish.

- Low temperature application - down to 20°F
- Excellent exterior durability
- Excellent adhesion to most surfaces
- Outstanding abrasion resistance
- Excellent corrosion and chemical resistance
- Recoat up to 30 days.

Finish: Matte
Color: Aluminum
Volume Solids: 65% ± 2%
VOC (EPA Method 24)**:** <310 g/L; <2.60 lb/gal Unreduced
<340 g/L: <2.80 lb/gal Reduced 7%

Recommended Spread Rate per coat:

Wet mils:	3.0 - 4.5
Dry mils:	2.0 - 3.0
Coverage:	348 - 521 sq ft/gal approximate

Drying Schedule @ 3.5 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 100°F
To touch:	4 hours	2 hours	1 hour
To recoat:			
minimum:	16 hours	7 hours	3 hours
maximum:	30 days	30 days	30 days
To cure:	5 days	3 days	1 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: 105°F, PMCC

Temperature:
air and surface: 20°F minimum, 100°F maximum
material: 45°F (7°C) minimum
Do not apply over surface ice
Relative humidity: 30% minimum, 99% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up .....Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer
Spray .....Reducer #15, R7K15
Brush & Roll.....Reducer #100 R7K100
VOC Exempt.....Reducer R7K111

Airless Spray
Pump 30:1
Pressure .....1800 - 2000 psi
Hose .....1/4" ID
Tip.....015" - .019"
Filter.....60 mesh
Reduction .....as needed up to 10% by volume

Brush .....Natural bristle
Reduction .....as needed up to 10% by volume

Roller .....¼" natural or synthetic,solvent resistant core
Reduction .....as needed up to 10% by volume

Steel:
1 ct. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft
1 ct. Corothane I IronOx B @ 3.0 - 5.0 mils dft
1 ct. Corothane I Aliphatic Finish Coat @ 2.0 - 3.0 mils dft
or Corothane 1 HS @ 2.0 - 3.0 mils dft
or Corothane 1 Ironox A HS @ 2.5 - 3.5 mils dft

Steel (Zinc Primer):
1 ct. Corothane I GalvaPac Zinc Primer @ 3.0 - 4.0 mils dft
2 cts. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft/ct

Concrete (Smooth):
2 cts. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft/ct

Concrete (Rough):
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10.0 - 30.0 mils dft
1 ct. Corothane I Mio Aluminum @ 2.0 - 3.0 mils dft

Galvanized:
1-2 cts. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft/ct
(Check for compatibility)

Aluminum:
1-2 cts. Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft/ct
(Check for compatibility)

Other primers and systems may be appropriate.

System Tested:
1 ct. Corothane I Aluminum @ 3.0 mils dft
1 ct. Corothane I IronOx B @ 4.0 mils dft
1 ct. Corothane I Aliphatic @ 3.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Adhesion	ASTM D4541	1000 psi
Corrosion Weathering	ASTM D5894, 5 cycles, 1700 hours	Rating 9 per ASTM D610 Rusting; Rating 9 per ASTM D714 Blistering
Direct Impact, topcoat only	ASTM D2794	140 in lb
Dry Heat Resistance	ASTM D2485	300°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Moisture Condensation Resistance	ASTM D4585, 100° F 300 hours	Pass
Pencil Hardness	ASTM D3363	2B
Salt Fog Resistance	ASTM B117, 2300 hours	Rating 10 per ASTM D610 for Rusting; Rating 10 per ASTM D714 for Blistering

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	NA	NA	NA	No	No

Dry Erase Clear Gloss Coating (KB65C2000 Kit)

Dry Erase Clear Gloss Coating is a two component, waterbased polyurethane for use over prepared interior surfaces where a dry erase surface is needed. Allows standard dry erase marker writing to be removed using a dry cotton cloth or dry eraser.

- <100 g/L VOC
- Excellent dry erase marker resistance
- Apply over multiple coating types
- Brush or roll
- Excellent gloss retention

For use in:

- Schools
- Offices
- Homes
- Commercial Buildings
- New Construction

Existing chalkboards can be converted to dry erase surfaces. Scrub the surface to remove any surface contamination and **ALL** chalk dust; this is critical to ensure adhesion. If the black or green color of the board is desired, apply the Dry Erase Coating directly. If a white board is desired, apply two coats of Pro Industrial DTM Primer/Finish, B66W11 to get a uniform white finish, allow to dry overnight and then apply the Dry Erase Coating.

We tested numerous primers on the different chalkboard substrates and found the Pro Industrial DTM Primer/Finish to offer the best combination of adhesion and whiteness.

If the dry erase surface is no longer desired, clean the surface completely, abrade the surface to dull down the finish, apply one coat of Multi-Purpose Latex Primer and topcoat with the desired finish.

Color: Clear
Recommended Spread Rate per coat:
200 - 400 sq ft/gal
@ 4 - 8 mils wet; 2 - 4 mils dry
Coverage will vary with the substrate and the texture.
Drying Schedule @ 77°F @ 50% RH:

Touch:	4 hours
Recoat:	6 hours
To cure:	7 days
Pot Life	1½ hours
Sweat in:	none required

Allow to dry 7 days before using.
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N.A.
Finish: Gloss
Mix Ratio: 3:1 by volume
Shelf Life: 12 months, unopened
Store indoors at 40°F to 100°F
Vehicle Type: Waterbased Polyurethane
VOC (less exempt solvents) **mixed:**
<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids mixed: 53 ± 2%
Weight per Gallon mixed: 8.96 ± 0.2 lb

Drywall

1 ct.	Multi-Purpose Interior Latex Primer
1 ct.	ProMar 200 Zero VOC Interior Latex
or	SuperPaint Interior Latex
	(use a Flat or Satin/Eg-Shel finish)
1 ct.	Dry Erase Clear Gloss Coating

Other primers may be appropriate.
Previously painted surfaces in good condition may be coated directly with Dry Erase.

This product is clear, use the ProMar 200 Zero VOC or SuperPaint topcoat to create the desired background color, then apply the Dry Erase Clear. Other topcoats may be appropriate.

Allow any latex color coat to dry at least 24 hours prior to applying the Dry Erase Coating.

For best performance, the surface must be very smooth. Properly prepared drywall must exhibit a Level 5 surface. An uneven or textured surface will produce erratic writing and erasing.

Temperature: 50°F to 120°F
maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum

No reduction needed
Brush ..... Use a nylon/polyester brush
Roller ..... Use a 1/4” to 3/8” nap soft woven cover

DO NOT SPRAY APPLY
Once the Part B Hardener is added to the Part A Clear, **DO NOT PUT THE LID ONTO THE CONTAINER.** Leave any unused material in the open can. Allow to dry to a solid, about 24 hours and dispose of as solid waste per local regulations.
Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY**

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes

Dry Fall Alkyd Flat & Eg-Shel

Dry Fall Alkyd Flat & Eg-Shel are fast drying alkyd paints for interior use. Overspray dries to a removable dust within eight feet @ 77°F and 50% RH.

Flat.....Brilliant White B48W60, Black B48BW1
Eg-Shel.....White B85WA13

- High light reflectance White
- High hiding
- Interior use
- Suitable for use in USDA inspected facilities

Finish:	**Flat**	**Eg-Shel**
Color:	Brilliant White B48W60	White B85WA13
Volume Solids:	36% ± 2%	48% ± 2%
VOC: (less exempt solvents)	329 g/l 2.74 lb/gal	399 g/L 3.33 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Recommended Spread Rate per coat:

Wet mils:	8.0 - 12.0	6.0 - 10.0
Dry mils:	2.9 - 4.3	2.9 - 4.8
Coverage, sq ft/gal :	200 - 135	265 - 160 approximate

Drying Schedule @ 8.0 mils wet @ 50% RH (Flat B48W60)

	@55°F	**@ 77°F**	**@100°F**
To touch:	40 minutes	10 minutes	3 minutes
To recoat:	6 hours	4 hours	2 hours
Dry fallout:	8-16 feet	8 feet	8 feet
To cure:	9 days	7 days	1 day

Drying, dry falling and recoat times are temperature, humidity and film thickness dependent.

Flash Point: 76°F, TCC 86°F, TCC

Temperature: 50°F minimum, 110°F maximum (air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately with compliant solvent. Follow manufacturer's safety recommendations when using any solvent.

Reducer/Clean Up (Flat B48W60)
Below 100°F.....VM&P Naphtha, R1K3
Above 100°F.....Mineral Spirits, R1K4

Airless Spray (Flat B48W60)
Pressure ..... 2500 psi
Hose .....1/4" ID
Tip.....017" - .019"
Filter.....60 mesh
Reduction .....up to 5% maximum, as needed

Conventional Spray (Flat B48W60)
Gun.....Binks 95
Fluid Nozzle.....63C
Air Nozzle 63PB
Atomization Pressure ....60 psi
Fluid Pressure .....50 psi
Reduction .....up to 5% maximum, as needed

Brush & Roll.....Not recommended

Steel & Rusted Galvanized (Acrylic Primer):
1 ct. Pro Industrial Pro-Cryl Universal Primer
1-2 cts. Dry Fall Alkyd

Steel (Alkyd Primer):
1 ct. Kem Bond HS
1-2 cts. Dry Fall Alkyd

Aluminum:
1 ct. DTM Wash Primer
1-2 cts. Dry Fall Alkyd

Galvanized Metal:
1 ct. Galvite HS
1-2 cts. Dry Fall Alkyd

Concrete/Masonry:
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. Dry Fall Alkyd

Drywall:
1 ct. ProMar 200 Zero VOC Latex Primer
1-2 cts. Dry Fall Alkyd

Wood, interior:
1 ct. Premium Wall & Wood Primer
1-2 cts. Dry Fall Alkyd

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

CAUTION
Interior use only
Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Note that surface temperatures can be higher than air temperature.

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	No	No	Yes	No	Yes	Yes	No	No	No	No
Eg-Shell	Yes	No	No	Yes	No	Yes	Yes	No	No	No	No

Dryfall - SprayLastic® Exterior Waterborne Dryfall Semi-Gloss (B42 Series)

SPRAYLASTIC EXTERIOR WATERBORNE DRYFALL SEMI-GLOSS is an acrylic, coating designed for interior or exterior use where overspray dries to a removable dust within 10 feet.

- Overspray cleans up easily
- Flash rust resistant
- 10 foot dry fallout
- Interior or Exterior use
- Suitable for use in USDA inspected facilities

Finish: 35-45 @ 60° Semi-Gloss
Color: Wide range of colors available
Volume Solids: 43% ± 2%
Extra White B42W17
VOC: (less exempt solvents) 64 g/L; 0.54 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Recommended Spread Rate per coat:
Wet mils: 4.5 - 9.0
Dry mils: 1.9 - 3.9
Coverage: 175 - 360 sq ft/gal approximate

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 110°F
To touch:	45 minutes	30 minutes	20 minutes
To handle:	60 minutes	45 minutes	30 minutes
To recoat:	4 hours	1 hour	1 hour
Dry fallout:	10 feet*	10 feet	10 feet

*Drying, dry falling and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A

Temperature: 40°F minimum, 110°F maximum (air, surface, and material) at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Reducer ..... Water
A greater than 5% reduction will have an adverse effect on the dryfall and flash rust characteristics of this coating.
Clean Up: ..... Soap & Water
Airless Spray
Pressure ..... 2400 psi
Hose ..... 1/4" ID
Tip ..... .015"-.019"
Filter ..... 60 mesh
Reduction ..... as needed up to 5% by volume
Conventional Spray
Gun ..... Binks 95
Fluid Nozzle 63C
Air Nozzle 63PB
Atomization Pressure .... 60 psi
Fluid Pressure ..... 50 psi
Reduction ..... as needed up to 5% by volume
Brush & Roll: ..... Not recommended

Steel & Rusted Galvanized (Acrylic Primer):
1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. SprayLastic Waterborne Dryfall

Steel (Alkyd Primer):
1 ct. Kem Bond HS
2 cts. SprayLastic Waterborne Dryfall

Steel:
2 cts. SprayLastic Waterborne Dryfall

Aluminum & Galvanized Metal:
1-2 cts. SprayLastic Waterborne Dryfall

Concrete Block:
1 ct. Loxon Acrylic Block Surfacer
1-2 cts. SprayLastic Waterborne Dryfall

Poured Concrete Walls (Interior):
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. SprayLastic Waterborne Dryfall

Pre-finished Siding (Baked-on Finishes):
1 ct. DTM Bonding Primer
1-2 cts. SprayLastic Waterborne Dryfall

Previously Painted:
1-2 cts. SprayLastic Waterborne Dryfall

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No

Dryfall - Super Save-Lite® Dry Fall

SUPER SAVE-LITE DRY FALL is a modified alkyd, intense white paint for interior use. Overspray dries to a removable dust within eight feet @ 77°F and 50% relative humidity.

Flat Brilliant White	B48W61
Semi-Gloss Brilliant White	B47W62

- Overspray dust sweeps up easily •Eight foot dry fallout
- Suitable for use in USDA inspected facilities
- High light reflectance • Interior use

Finish:	**Flat**	**Semi-Gloss**
	0-8°@85°	15-30°@ 60°
Color:	Brilliant White	Brilliant White
Volume Solids:	55% ± 2%	49% ± 2%
	B48W00061	**B47W00062**
VOC: (less exempt solvents)	350 g/L	360 g/L
	2.92 lb/gal	3.01 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Recommended Spread Rate per coat:		
Wet mils:	6.0 - 6.5	6.0 - 7.0
Dry mils:	3.3 - 3.6	2.9 - 3.4
Coverage, sq ft/gal: (approximate)	267 - 245	270 - 230

Drying Schedule @ 6.0 mils wet @ 77°F @ 50% RH:		
To touch:	30 minutes	10 minutes
To recoat:	2-6* hours	2-6* hours
Dry fallout:	8 feet	8 feet
To Cure:	3 days	3 days

(* or after 18 hours drying time)

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point:	76°F TCC	55°F TCC

Temperature:	50°F minimum, 120°F maximum (air, surface, and material) At least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately with compliant solvent. Follow manufacturer's safety recommendations when using any solvent.

Reducer/Clean Up:

Below 100°F.....VM&P Naphtha, R1K3
Above 100°F.....Mineral Spirits, R1K4

	Flat	**Semi-Gloss**
Airless Spray		
Pressure	2500	2000
Hose	1/4" ID	1/4" ID
Tip	.019"	.017"
Filter	60 mesh	60 mesh
Reduction	None	None
Conventional Spray		
Gun	Binks 95	Binks 95
Fluid Nozzle	63C	66
Air Nozzle	66PB	66PE
Atomization Pressure	60 psi	50 psi
Fluid Pressure	50 psi	25 psi
Reduction, as needed	up to 5%	up to 5%
Brush & Roll	Not recommended	

Steel & Rusted Galvanized (Acrylic Primer):
1 ct. Pro Industrial Pro-Cryl Universal Primer
1-2 cts. Super Save-Lite Dry Fall

Steel (Alkyd Primer):
1 ct. Kem Bond HS
1-2 cts. Super Save-Lite Dry Fall

Aluminum:
1 ct. DTM Wash Primer
1-2 cts. Super Save-Lite Dry Fall

Galvanized Metal:
1 ct. Galvite HS
1-2 cts. Super Save-Lite Dry Fall

Concrete Block:
1 ct. Loxon Acrylic Block Surfacer
1-2 cts. Super Save-Lite Dry Fall

Concrete/Masonry:
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. Super Save-Lite Dry Fall

Drywall:
1 ct. ProMar 200 Zero VOC Latex Primer
1-2 cts. Super Save-Lite Dry Fall

Plaster:
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. Super Save-Lite Dry Fall

Wood:
1 ct. Premium Wall & Wood Primer
1-2 cts. Super Save-Lite Dry Fall

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

CAUTION:
Interior use only
Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Note that surface temperatures can be higher than air temperature.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	No	No	Yes	No	Yes	Yes	No	No	No	No
Semi-Gloss	Yes	No	No	Yes	No	Yes	Yes	No	No	No	No

Dura-Plate® 235 Multi-Purpose Epoxy (B67-235 Series)

Dura-Plate 235 Multi-Purpose Epoxy is a modified epoxy phenalkamine, formulated specifically for immersion and atmospheric service in marine and industrial environments. Dura-Plate 235 provides exceptional performance in corrosive environment, and can be applied at temperatures as low as 0°F.

- Self-priming
- Low temperature application, 0°F (-18°C)
- Surface tolerant - damp surfaces
- Provides salt water and fresh water immersion resistance
- Approved as a primer per MIL-PRF-23236, Type V, Class 7, Grade C
- Suitable for use in USDA inspected facilities

Finish: Semi-Gloss
Color: wide range of colors available
Volume Solids: 68% ± 2%, mixed
VOC (EPA Method 24)**:** <280 g/L; <2.33 lb/gal unreduced
VOC may vary by base & sheen <327 g/L, <2.72 lb/gal reduced 10%
Mix Ratio: 4:1 by volume
Recommended Spread Rate per coat:(may vary by substrate)
Wet mils: 6.0 - 12.0
Dry mils: 4.0 - 8.0
Coverage: 136 - 272 sq ft/gal approximate
Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet @ 50% RH:

	@ 0°F	@ 40°F	@ 77°F	@ 120°F
To touch:	18 hours	3½ hours	2 hours	20 minutes
To handle:	36 hours	12 hours	3½ hours	40 minutes
To recoat:				
minimum:	36 hours	12 hours	3½ hours	40 minutes
maximum	6 months	6 months	6 months	6 months
Cure to service:	30 days	14 days	7 days	3 days
Pot Life:	16 hours	8 hours	4 hours	1 hour
Sweat-in-time:	1 hour	30 minutes	15 minutes	5 minutes

Flash Point: 94°F PMCC
If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.

Temperature: 0°F minimum, 120°F maximum
(air and surface) At least 5°F above dew point
Material should be at least 40°F for optimal performance.
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately with compliant solvent. Follow manufacturer's safety recommendations when using any solvent.
Reducer/Clean Up.....Reducer R7K104
Airless Spray
Unit .....30:1 Pump
Pressure .....2400 - 2800 psi
Hose .....1/4" - 3/8" ID
Tip.....015" - .019"
Filter.....60 mesh
Reduction .....as needed, up to 10% by volume
Brush .....Natural Bristle
Reduction .....Not recommended
Roller .....3/8" woven with solvent resistant core
Reduction .....Not recommended

Steel, immersion or atmospheric service:
2 cts. Dura-Plate 235 @ 4.0 - 8.0 mils dft/ct
Steel, immersion service:
1 ct. Dura-Plate 235 @ 4.0 - 8.0 mils dft
1-2 cts. TarGuard Coal Tar Epoxy @ 8.0 - 16.0 mils dft/ct
Steel, atmospheric service:
1 ct. Dura-Plate 235 @ 4.0 - 8.0 mils dft
1-2 cts. Macropoxy 646 @ 5.0 - 10.0 mils dft/ct
Steel, atmospheric service:
1 ct. Zinc Clad II Plus @ 2.0 - 4.0 mils dft
1-2 cts. Dura-Plate 235 @ 4.0 - 8.0 mils dft/ct
Steel, atmospheric service:
1 ct. Zinc-Clad IV @ 3.0 - 5.0 mils dft
1-2 cts. Dura-Plate 235 @ 4.0 - 8.0 mils dft/ct
Steel, atmospheric service:
1 ct. Corothane I-GalvaPac Zinc Primer @ 3.0 - 4.0 mils dft
1-2 cts. Dura-Plate 235 @ 4.0 - 8.0 mils dft/ct
Steel, atmospheric service:
1 ct. Dura-Plate 235 @ 4.0 - 8.0 mils dft
1-2 cts. Acrolon 218 HS @ 3.0 - 6.0 mils dft/ct
Concrete/Masonry, immersion service:
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10 - 20 mils dft as required to fill voids and provide a continuous substrate
2 cts. Dura-Plate 235 @ 4.0 - 8.0 mils dft/ct
Galvanized, atmospheric service:
1 ct. Dura-Plate 235 @ 4.0 - 8.0 mils dft

IMMERSION
(Ambient temperature)
Salt Water.....Recommended
Fresh Water.....Recommended
Ballast Tank Mix.....Recommended
Epoxy coatings may darken or yellow following application and curing.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	Yes	No	No	No	No

Duration® Exterior Latex Coatings

Duration Exterior Latex Coating is the result of advances in acrylic technology. **Duration** uses **PermaLast®** technology to provide you with the most durable and longest lasting coating available for protecting the outside of your home.

Flat.....K32 Series
Low Lustre.....K30 Series
Satin .....K33 Series
Gloss .....K34 Series

Performance:

- One Coat Protection
- Easy Application
- Thicker. More Flexible
- Self-Priming
- Excellent Hiding
- Resists Blistering and Peeling

Projects:

- Homes
- Windows
- Gutters
- Architectural plastics, such as shutters & gutters
- Trim

Surfaces:

- Wood
- Masonry/Cement Composition Panels
- Galvanized Metal
- Stucco
- Aluminum Siding
- Vinyl Siding

Mildew Resistant-This coating contains agents that inhibit the growth of mildew on the surface of this coating.

Temperature: 35°F minimum, 80°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction necessary.
Brush.....Use a nylon/polyester brush.
Roller.....Use a 3/8" - 3/4" nap synthetic cover.
Spray—Airless
Pressure .....2000 psi
Tip.....015"-.019"
Reduction .....none

Aluminum & Aluminum Siding
1 or 2 cts. Duration Exterior Latex Coating
Block
1 ct. ConFlex Block Filler, if needed
or Loxon Acrylic Block Surfacer, if needed
1 or 2 cts. Duration Exterior Latex Coating
Cement Composition Panels, Masonry, Stucco
1 ct. Loxon Concrete & Masonry Primer if needed
1 or 2 cts. Duration Exterior Latex Coating
Exterior Drywall
1 ct. Exterior Latex Wood Primer, if needed
1 or 2 cts. Duration Exterior Latex Coating
Galvanized Steel
1 ct. All Surface Enamel Latex Primer, if needed
1 or 2 cts. Duration Exterior Latex Coating
Plywood
1 ct. Exterior Latex Wood Primer, if needed
1 or 2 cts. Duration Exterior Latex Coating
Steel
1 ct. All Surface Enamel latex Primer, if needed
1 or 2 cts. Duration Exterior Latex Coating
Vinyl Siding
1 or 2 cts. Duration Exterior Latex Coating
Wood, Composition Board
1 ct. Exterior Oil-Base Wood Primer, if needed
1 or 2 cts. Duration Exterior Latex Coating

Thoroughly follow the recommended surface preparations. On repaint work, apply one coat of **DURATION** coating; on bare surfaces, apply two coats of **DURATION**, allowing 4 hours drying between coats.

Previously Painted Surfaces — Spot prime bare areas with **DURATION**, wait 4 hours, and paint the entire surface. Some specific surfaces require specialized treatment.

Unpainted Surfaces — DURATION can be used as a self-priming coating on many bare surfaces. When used this way, the first coat of **DURATION** acts like a coat of primer and the second coat provides the final appearance and performance. However, some specific surfaces require specialized treatment.

	Flat	Low Lustre	Satin	Gloss
Color:	Most colors	Most colors	Most colors	Most colors
Recommended Spread rate per coat:				
sq ft/gal:	250 - 300	250 - 300	250 - 300	250 - 300
Wet mils:	5.3 - 6.4	5.3 - 6.4	5.3 - 6.4	5.3 - 6.4
Dry mils:	2.2 - 2.7	2.2 - 2.7	2.1 - 2.6	2.1 - 2.5
Drying Schedule @ 45°F @ 50% RH	Drying times are temperature, humidity and film thickness dependent.			
Touch:	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish (units):	0-5 @ 85°	5-10 @ 60°	10-20 @ 60°	35-45 @ 60°
Extra White	**K32W00251**	**K30W00251**	**K33W00251**	**K34W00251**
VOC (less exempt solvents)**:**	<50 g/L, <0.42 lb/gal	<50 g/L, <0.42 lb/gal	<50 g/L, <0.42 lb/gal	<50 g/L, <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	43 ±2%	42 ±2%	40 ±2%	39 ±2%
Weight per Gallon:	11.43 lb	10.88 lb	10.27 lb	10.15 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Low Lustre	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Duration Home® Interior Latex Coatings (Flat A95/Matte A96/Satin A97/Semi-Gloss A98)

Duration Home Interior Latex with Moisture Resistant Technology offering quick return to service & durability in moist environments like bathrooms. Also provides:

- Long lasting beauty
- Washability & Cleanability
- Resistant to stains, scuffs & burnishing
- Very easy application
- Anti-Microbial*
  - Flat.....A95 Series
  - Matte.....A96 Series
  - Satin .....A97 Series
  - Semi-Gloss .....A98 Series

*Anti-microbial - This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

Temperature: 50°F minimum, 90°F maximum air, surface, and material

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction needed.

Brush .....Use a nylon/polyester brush.
Roller .....Use a 3/8" - 1/2" nap Soft Woven cover
(For best final appearance when rolling, finish off in one direction, especially for dark colors.)

Spray—Airless
Pressure .....2000 psi
Tip .....015"-.019"

For touching-up, reduce the product by one pint per gallon.

Duration Home Interior Latex can be used directly over existing coatings, bare drywall or plaster (cured with a pH of less than 9).

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. Duration Home Interior Latex Coating

Drywall
Self-prime using 2 cts. of Duration Home Interior Latex Coating
or
1 ct. Premium Wall & Wood Primer
2 cts. Duration Home Interior Latex Coating

Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. Duration Home Interior Latex Coating

Plaster
Self-prime using 2 cts. of Duration Home Interior Latex Coating
or
1 ct. Premium Wall & Wood Primer
2 cts. Duration Home Interior Latex Coating

Wood, Composition Board
1 ct. Premium Wall & Wood Primer
2 cts. Duration Home Interior Latex Coating

Other Primers may be appropriate

	Flat	**Matte**	**Satin**	**Semi-Gloss**
Color:	Most colors	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:				
sq ft/gal	350-400	350-400	350-400	350-400
mils wet/dry	4.0 / 1.6	4.0 / 1.6	4.0 / 1.6	4.0 / 1.4
Drying Schedule @ 77°F @ 50% RH Drying times are temperature, humidity and film thickness dependent.				
Touch:	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish (units):	0 - 4 @ 85°	2 - 7 @ 85°	15 - 20 @ 85°	35-45 @ 60°
Vehicle Type:	Styrene Acrylic	Styrene Acrylic	Styrene Acrylic	Styrene Acrylic
	Extra White	**Extra White**	**Extra White**	**Extra White**
	A95W01351	**A96W01251**	**A97W01251**	**A98W01251**
VOC (less exempt solvents)**:** As per 40 CFR 59.406 and SOR/2009-264, s.12	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
Volume Solids:	41 ± 2%	41 ± 2%	39 ± 2%	34 ± 2%
Weight per Gallon:	11.68 lb	10.77 lb	10.50 lb	10.40 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	No	Yes
Matte	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

EcoSelect® Zero VOC Interior Latex Coatings

EcoSelect Interior Latex is a zero VOC, economical, interior latex wall paint for use on walls and ceilings of wallboard, primed plaster, wood and masonry.

Flat.....A21 Series
Eg-Shel.....A22 Series
Semi-Gloss.....A20 Series

Temperature: 50°F minimum, 90°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
No reduction necessary.

Brush.....Use a nylon/polyester brush
Roller Cover.....Use a 3/8" - 3/4" nap synthetic cover
Spray—Airless
Pressure.....2000 psi
Tip.....017"-.021"

Anti-Microbial
This coating contains agents which inhibit the growth of mold & mildew on the surface of this coating.

Block
1 ct. PrepRite Block Filler
or Loxon Acrylic Block Surfacer
2 cts. EcoSelect Zero VOC Interior Latex

Drywall
Self-prime using 2 cts. of EcoSelect Zero VOC Interior Latex
or
1 ct. ProMar 400 Zero VOC Latex Primer
2 cts. EcoSelect Zero VOC Interior Latex

Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. EcoSelect Zero VOC Interior Latex

Plaster
1 ct. Premium Wall & Wood Primer
2 cts. EcoSelect Zero VOC Interior Latex

Wood
1 ct. Premium Wall & Wood Primer
2 cts. EcoSelect Zero VOC Interior Latex

Other primers may be appropriate.
When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Flat	**Eg-Shel**	**Semi-Gloss**
Color:	most colors	most colors	most colors
Recommended Spread rate per coat:			
sq ft/gal	350-400	350-400	350-400
mils wet/dry	4.0 / 1.1	4.0 / 1.3	4.0 / 1.4
Drying Schedule @ 77°F @ 50% RH	Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A
Finish (units):	0 - 2 @ 85°	15 - 20 @ 85°	25-35 @ 60°
Vehicle Type:	Vinyl Acrylic	Vinyl Acrylic	Vinyl Acrylic
	Extra White	**Extra White**	**Extra White**
	A21W01851	**A22W00851**	**A20W00851**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	27 ± 2%	32 ± 2%	34 ± 2%
Weight per Gallon:	11.05 lb	10.41 lb	9.86 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Emerald® Exterior Latex Acrylic Coatings

Emerald Exterior Acrylic Latex is our "Best-In-Class" exterior architectural house paint.

Flat.....K47 Series
Satin .....K48 Series
Gloss .....K49 Series

- Excellent durability, resistant to blistering, peeling and dirt pick-up
- Excellent application, flow and leveling
- Self-priming (2 coats new construction, 1 coat repaint)
- Low temp application – down to 35°F
- Uses a patented cross-linking 100% acrylic technology
- Can only be tinted with CCE Colorants

Temperature: 35°F minimum, 90°F maximum
air, surface, and material
at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the **air, surface, and material temperature are above** 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

No reduction necessary.

Brush.....Use a nylon/polyester brush.
Roller Cover.....Use a high quality polyester roller cover.
Spray—Airless
Pressure .....2000 psi
Tip.....015"-.019"

Emerald Exterior Acrylic Latex is self-priming on most surfaces.
Apply 2 coats on new, bare substrates or 1 coat for repaint.
Use on these properly prepared surfaces:

Aluminum & Aluminum Siding[1]
Galvanized Steel[1]
Concrete Block
Split face Block
Brick
Cement Composition Siding/Panels
Stucco
Concrete
Plywood
Wood
Vinyl Siding

Surfaces with a pH greater than 9 must be primed with a high pH-resistant coating such as Loxon Concrete & Masonry Primer.

The appearance of textured surfaces such a block, will be improved with the use of Loxon Acrylic Block Surfacer.

Standard latex primers cannot be used below 50°F. See specific primer label for that product's application limitations.

Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of Emerald Coating may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer then topcoat with Emerald Coating.

[1]On large expanses of metal siding, the air, surface and material temperatures must be 50°F of higher.

	Flat	**Satin**	**Gloss**
Color:	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:			
sq ft/gal	250-300	250-300	250-300
mils wet/dry	5.3-6.4 / 2.2-2.7	5.3-6.4 / 2.1-2.6	5.3-6.4 / 2.1-2.5
Drying Schedule, @ 45°F @ 50% RH Drying times are temperature, humidity and film thickness dependent.			
Touch:	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A
Finish (units):	0 - 5 @ 85°	10 - 20 @ 60°	35-45 @ 60°
Vehicle Type:	Acrylic	Acrylic	Acrylic
	Extra White	**Extra White**	**Extra White**
	K47W00051	**K48W00051**	**K49W00051**
VOC (less exempt solvents):	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	43 ± 2%	40 ± 2%	39 ± 2%
Weight per Gallon:	11.71 lb	10.67 lb	10.30 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Emerald® Interior Latex Acrylic Coatings

Emerald Interior Acrylic Latex is the "Best-In-Class" interior architectural coating.

- Premium performance in scrubs, washability, stain resistance, block resistance, adhesion, burnish and hiding.
- Anti-Microbial properties*
- Can only be tinted with CCE Colorants

Flat.....K35 Series
Matte.....K36 Series
Satin .....K37 Series
Semi-Gloss .....K38 Series

Temperature: 50°F minimum, 90°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction necessary.

Brush .....Use a nylon/polyester brush.
Roller Cover .....Use a high quality polyester roller cover.
(For best final appearance when rolling, finish off in one direction, especially for dark colors.)
Spray—Airless
Pressure .....2000 psi
Tip.....017"-.021"

***Anti-Microbial**
This coating contains agents which inhibit the growth of mold and mildew on the surface of this coating film.

Emerald Interior Latex can be used directly over existing coatings, or bare drywall, plaster or masonry (cured with a pH of less than 9), and non-bleeding wood.

Drywall
Self-prime using 2 cts. of Emerald Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. Emerald Interior Latex

Masonry / Block
(can be filled to provide a smooth surface or primed if it is a high pH substrate)
Self-prime using 2 cts. of Emerald Interior Latex
or
1 ct. Loxon Acrylic Block Surfacer
or
1 ct. Loxon Concrete & Masonry Primer
2 cts. Emerald Interior Latex

Plaster
Self-prime using 2 cts. of Emerald Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. Emerald Interior Latex

Wood
Self-prime using 2 cts. of Emerald Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. Emerald Interior Latex
If the wood has bleeding (such as tannin or knot-holes), prime with Multi-Purpose Primer.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Flat	Matte	Satin	Semi-Gloss
Color:	All colors	All colors	All colors	All colors
Recommended Spread Rate per coat:				
sq ft/gal	350-400	350-400	350-400	350-400
mils wet/dry	4.0 / 1.6	4.0 / 1.6	4.0 / 1.6	4.0 / 1.5
Drying Schedule @ 77°F@ 50% RH Drying times are temperature, humidity and film thickness dependent.				
Touch:	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish (units):	0 - 4 @ 85°	0 - 5 @ 85°	10 - 20 @ 85°	35-45 @ 60°
Vehicle Type:	Styrene Acrylic	Styrene Acrylic	Styrene Acrylic	Styrene Acrylic
	K35W00451	**K36W00451**	**K37W00451**	**K38W00351**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	41 ± 2%	41 ± 2%	41 ± 2%	38 ± 2%
Weight per Gallon:	11.68 lb	11.21 lb	11.27 lb	10.74 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Matte	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Emerald® Urethane Trim Enamel Interior/Exterior Waterbased

Emerald Urethane Trim Enamel is a waterbased "Best-In-Class" quality interior/exterior enamel formulated with a urethane modified alkyd resin system for premium quality and performance. It delivers the look, feel and durability of an oil based enamel with the convenience of a waterbased formula. Excellent flow and leveling, gloss and color retention when applied to interior/exterior surfaces such as properly prepared drywall, wood, masonry and metal.

Satin .....K37-750 Series
Semi-Gloss .....K38-750 Series
Gloss .....K39-750 Series

Temperature: 50°F minimum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer .....No reduction needed
Brush .....Nylon/polyester
Roller Cover .....1/4 - 1/2" woven

Spray—Airless
Pressure .....2000 psi
Tip.....013" - .017"
Reduction .....Not Recommended

Interior:
Drywall
1 ct. ProMar 200 Zero VOC Primer
2 cts. Emerald Urethane Trim Enamel

Plaster & Wood
1 ct. Premium Wall & Wood Primer
2 cts. Emerald Urethane Trim Enamel

Interior & Exterior:
Aluminum, Galvanized & Steel
1 ct. All Surface Enamel Latex Primer
2 cts. Emerald Urethane Trim Enamel

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. Emerald Urethane Trim Enamel

Masonry, Cement, Stucco
1 ct. Loxon Concrete Masonry Primer
2 cts. Emerald Urethane Trim Enamel

Exterior:
Wood, Composition Board
1 ct. Exterior Oil-Based Wood Primer
or Exterior Latex Wood Primer
2 cts. Emerald Urethane Trim Enamel

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Satin	Semi-Gloss	Gloss
Color:	Many colors	Many colors	Many colors
Recommended Spread Rate per coat:			
sq ft/gal	350-400	350-400	350-400
mils wet/dry	4.0 / 1.4	4.0 / 1.4	4.0 / 1.4
Drying Schedule @ 77°F @ 50% RH Drying times are temperature, humidity and film thickness dependent.			
Touch:	2 hours	2 hours	2 hours
Recoat:	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A
Finish (units):	15 - 25 @ 60°	45 - 65 @ 60°	65+ @ 60°
Vehicle Type:	Urethane Modified Alkyd	Urethane Modified Alkyd	Urethane Modified Alkyd
	Extra White	**Extra White**	**Extra White**
	K37W00751	**K38W00751**	**K39W00751**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	34 ± 2%	34 ± 2%	34 ± 2%
Weight per Gallon:	11.00 lb	10.54 lb	10.28 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Satin	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes

Harmony® Interior Latex Coatings

- Formaldehyde Reducing Technology helps improve indoor air quality by reducing VOCs from possible sources like insulation, carpet, cabinets and fabrics*.
- Odor Eliminating Technology helps reduce common indoor odors so rooms stay fresher, longer.*
- Anti-microbial agents inhibit the growth of mold and mildew on the paint surface and inhibit the growth of bacterial odors.
- Great hide and durable finish that withstands frequent washing.
- Harmony's Formaldehyde Reducing Technology has been tested by a third party laboratory.

*The length of time Harmony actively reduces odors and formaldehyde depends on the concentration, the frequency of exposure and the amount of painted surface area.

Flat.....B05-Series
Eg-Shel.....B09-Series
Semi-Gloss.....B10-Series

Temperature: 50°F minimum, 100°F maximum (air, surface and material) at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Reducer/Clean Up.....Water
No reduction necessary.
Brush.....nylon/polyester
Roller.....3/8" - 3/4" Polyester or Soft Woven roller cover
Airless Spray
Pressure.....2000 psi
Tip.....015" - .021"

Block
1 ct. Loxon Acrylic Block Surfacer*
2 cts. Harmony Interior Latex Finish

Drywall
1 ct. Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Finish

Masonry
1 ct. Loxon Concrete & Masonry Primer*
or Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Finish

Plaster
1 ct. Premium Wall & Wood Latex Primer*
or Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Finish

Wood
1 ct. Premium Wall & Wood Latex Primer*
or Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Finish

* These primers contain <50 g/L VOC.
Other primers may be appropriate.

	Flat	**Eg-Shel**	**Semi-Gloss**
	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:			
sq ft/gal:	350 - 400	350 - 400	350 - 400
mils wet / mils dry	4.0 / 1.7	4.0 / 1.7	4.0 / 1.7
Drying Schedule @ 77°F @ 50% RH Drying times are temperature, humidity and film thickness dependent.			
Touch:	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours
Finish (units):	0 - 5 @ 85°	10-20 @ 85°	35-45 @ 60°
Flash Point:	N/A	N/A	N/A
	Extra White B05W01051	**Extra White B09W01051**	**Extra White B10W01051**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	44 ± 2%	42 ± 2%	42 ± 2%
Weight per Gallon:	12.42 lb	10.82 lb	10.48 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Hi-Solids Polyurethane (B65-300 &350 Series)

HI-SOLIDS POLYURETHANE is a two-component, aliphatic acrylic polyurethane resin coating. It is designed for high performance protection with outstanding exterior gloss and color retention.

- Good/excellent resistance to corrosion and weathering
- Outstanding color and gloss retention
- Chemical resistant
- Suitable for use in USDA inspected facilities
- Resists film attack by mildew (MR White Tint Base only B65WW305)

Finish: High Gloss or Semi-Gloss
Color: Wide range of colors possible
Volume Solids: 65% ± 2%, mixed, may vary by color
Weight Solids: 77% ± 2%, mixed, may vary by color
VOC (EPA Method 24)**:** <340 g/L; 2.80 lb/gal, mixed, unreduced
VOC may vary by base & sheen <370 g/L; 3.08 lb/gal, mixed, reduced 15%
Mix Ratio: 4:1 by volume
Recommended Spread Rate per coat:
Wet mils: 4.5 - 8.0
Dry mils: 3.0 - 5.0
Coverage: 208 - 347 sq ft/gal approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.5 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 120°F
To touch:	4 hours	2 hours	1 hour
To handle:	16 hours	8 hours	5 hours
To recoat:			
minimum:	24 hours	18 hours	10 hours
maximum:	14 days	14 days	14 days
To cure:	14 days	10 days	7 days
Pot Life:	8 hours	4 hours	2 hours

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Sweat-in-Time: None required
Flash Point: 102°F, TCC, mixed

Temperature: 35°F minimum, 120°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer/Clean Up
Below 80°F.....Reducer #69, R7K69 or R7K111
Above 80°F.....Reducer #58, R7K58 or R6K32

Airless Spray
Pressure .....2500 - 2800 psi
Hose .....3/8" ID
Tip.....013" - .017"
Filter.....none
Reduction .....As needed up to 10% by volume

Brush .....Natural bristle
Reduction .....As needed up to 15% by volume
Roller .....3/8" woven with solvent resistant core
Reduction .....as needed up to 15% by volume

Steel: Epoxy Primer
1 ct. Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Steel: Epoxy Primer
1 ct. Dura-Plate 235 @ 4.0 - 8.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Steel: Zinc Rich Primer
1 ct. Zinc Clad II Plus @ 2.0-4.0
1 ct. Macropoxy 646 @ 5.0-10.0
1-2 cts. Hi-Solids Polyurethane @ 3.0-5.0

Steel: Epoxy Mastic Primer
1 ct. Macropoxy 646 @ 5.0 - 10.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Steel: Universal Primer
1 ct. Kem Bond HS Metal @ 2.0 - 5.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Aluminum:
1 ct. DTM Wash Primer @ 0.7 - 1.3 mil dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Concrete:
1 ct. Kem Cati-Coat Epoxy HS Filler/Sealer @ 10.0 - 15.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

Galvanized Metal:
1 ct. Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft
1-2 cts. Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct

FIRETEX ONLY:

Finish Coat for FIRETEX Hydrocarbon Systems:

1 ct. Hi-Solids Polyurethane*

*Consult FIRETEX PFP Specialist for recommended dft range

The systems listed above are representative of the product's use, other systems may be appropriate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	Semi-Gloss Yes	NA	NA	No	No

Hi-Solids Polyurethane 250 (B65-J300 Series)

HI-SOLIDS POLYURETHANE 250 is a two-component, less than 250 g/L VOC aliphatic, acrylic polyurethane resin coating. It is designed for high performance protection with outstanding exterior gloss and color retention.

- Good/excellent resistance to corrosion and weathering
- Outstanding color and gloss retention
- Chemical resistant
- Suitable for use in USDA inspected facilities
- Resists film attach by mildew (MR White Tint base only, B65WJ305)

Finish: Gloss or Semi-Gloss
Color: Wide range of colors possible
Volume Solids: Extra White 63% ± 2%, mixed, (may vary by color)
VOC (EPA Method 24)**:** <250 g/L; 2.08 lb/gal, mixed, unreduced
VOC may vary by base & sheen
Mix Ratio: 4:1 by volume
Recommended Spreading Rate per coat:
Wet mils: 4.5 - 8.0
Dry mils: 3.0 - 5.0
Coverage: 208 - 347 sq ft/gal approximate

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.5 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 120°F
To touch:	4 hours	2 hours	1/2 hour
To handle:	16 hours	8 hours	2 hours
To recoat:			
minimum:	24 hours	18 hours	10 hours
maximum:	14 days	14 days	14 days
To cure:	14 days	10 days	7 days
Pot Life:	8 hours	4 hours	2 hour

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Sweat-in-Time: None required
Flash Point: 55°F, mixed

Temperature: 40°F minimum, 120°F maximum air, surface, and material, at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.
Reducer/Clean Up .....Reducer Oxsol 100 or R7K111
Airless Spray
Pressure.....2500 - 2800 psi
Hose.....3/8" ID
Tip .....013" - .017"
Filter .....none
Reduction .....As needed up to 10% by volume
Brush
Brush.....Natural bristle
Roller Cover .....3/8" woven with phenolic core
Reduction .....As needed up to 15% by volume

If specific application equipment is not listed above, equivalent equipment may be substituted.

Systems:
Steel: Epoxy Primer
1 ct. Copoxy Shop Primer @ 3.0 - 5.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Steel: Epoxy Mastic Primer
1 ct. Macropoxy 646 @ 4.0 - 6.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Steel: Zinc Rich Primer
1 ct. Zinc Clad 4100 @ 4.0-7.0 mils dft
1 ct. Macropoxy 646 @ 5.0-10.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0-5.0 mils dft
Aluminum:
1 ct. DTM Wash Primer @ 0.7 - 1.3 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Concrete, Smooth:
1 ct. Macropoxy 646 @ 4.0 - 6.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Concrete, CMU:
1 ct. Kem Cati-Coat Epoxy HS Filler/Sealer @ 10.0 - 15.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Galvanized Metal:
1 ct. Pro Industrial Pro-Cryl Universal Primer @ 2.0-4.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0-5.0 mils dft
Galvanized Metal:
1 ct. Macropoxy 646 @ 4.0 - 6.0 mils dft
1-2 cts. Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct

System Tested:(* unless otherwise noted)
1 ct. Zinc Clad 4100 @ 4.0 mils dft
1 ct. Macropoxy 646 @ 7.5 mils dft
1 ct. Hi-Solids Polyurethane 250 @ 4.0 mils dft
Substrate: Steel
Surface Preparation: SSPC-SP6

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	119 mg loss
Adhesion	ASTM D4541	2253 psi
Direct Impact Resistance	ASTM D2794	40in. lbs.
Dry Heat Resistance	ASTM D2485	200°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Pencil Hardness	ASTM D3363; 30 day	F

Chemical Resistance: (Incidental contact)
Excellent resistance to: 10% Hydrochloric Acid, 5% Phosphoric Acid, Aliphatic Hydrocarbon Solvent, Motor Oil 10W30, Vegetable Oil

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
B65-J300 Series	Yes	Yes	No	Yes	Yes	Yes	NA	NA	NA	No	No

HydroGloss™ Waterbased Urethane (B65-180 Series)

HYDROGLOSS is a single component, high performance, acrylic/polyester waterbased urethane. It provides toughness, flexibility, abrasion resistance, and excellent UV resistance. Exterior performance comparable to two component waterbased urethanes.

Features:
- Excellent UV resistant
- Color and gloss retention
- Chemical resistance
- Flexible

For use on properly prepared:
- Steel
- Galvanized & Aluminum
- Concrete/Masonry
- Previously Painted

Recommended for use in:
- General industrial
- Petro-Chemical
- Bridge and Highway
- Power Plants
- Corporate Logos
- Suitable for use in USDA inspected facilities

Finish: 75°+@60° Gloss
Color: Wide range of colors possible

	B65W00181	B65T00184
Volume Solids:	35% ± 2%,	33% ± 2%,
Weight Solids:	44% ± 2%,	37% ± 2%,
VOC (less exempt solvents):	214 g/L; 1.78 lb/gal	231 g/L; 1.93 lb/gal

Recommended Spread Rate per coat:
Wet mils: 6.0 - 12.0
Dry mils: 2.1 - 4.2
Coverage: 133 - 267 sq ft/gal approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	1 hour	1 hour	10 minutes
To handle:	2 hours	1 hours	15 minutes
To recoat:			
minimum:	24 hours	8 hours	30 minutes
maximum*:	30 days	30 days	30 days
To cure:	14 days	3 days	3 days
Pot Life:	N/A	N/A	N/A

*If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Sweat-in-Time: None required
Flash Point: N/A

Temperature: 50°F minimum, 120°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water
Airless Spray
Pressure .....1500 - 1800 psi
Hose .....1/4" ID
Tip.....015" - .019"
Filter.....60 mesh
Reduction .....As needed up to 5% by volume
Brush .....Natural bristle
Roller .....3/8" woven with solvent resistant core
Reduction .....Not recommended

Aluminum & Galvanized Metal:
1ct. DTM Wash Primer
2cts. HydroGloss
Concrete Block:
1ct. Pro Industrial Heavy Duty Block Filler
2cts. HydroGloss
Masonry/Smooth:
1ct. Loxon Concrete & Masonry Primer
2cts. HydroGloss
Steel & Rusted Galvanized, Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Primer
2cts. HydroGloss
Steel: Universal Primer
1ct. Kem Bond HS
2cts. HydroGloss

System Tested:(* unless otherwise noted)

Primer: Pro Industrial Pro-Cryl Primer– @ 3.0 mils dft/ct
2ct: HydroGloss – @ 3.0 mils dft/ct (unless otherwise noted)
Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	15.15 mg loss
Accelerated Weathering QUV:	ASTM D4587, QUV-A,3000 hrs	Passes
Adhesion	ASTM D4541	1195 psi
Direct Impact Resistance	ASTM D2794	>160 in. lbs.
Dry Heat Resistance	ASTM D2485	240°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Pencil Hardness	ASTM D3363; 30 day	6H

Chemical Resistance: (Incidental contact)
Excellent resistance to: 10% Hydrochloric Acid, 5% Phosphoric Acid, Aliphatic Hydrocarbon Solvent, Motor Oil 10W30, Vegetable Oil

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	NA	NA	NA	No	No

Industrial Enamel (B54/B54Z Series)

INDUSTRIAL ENAMEL is a family of all purpose alkyd enamels designed for interior and exterior use.

- High gloss coating
- Apply down to 40°F (4.5°C)
- Good exterior durability
- Excellent application properties
- Suitable for use in USDA inspected facilities

Product:	B54W00101	B54WZ0101
Finish:	Gloss	Gloss
Color:	Wide range of colors available	
Volume Solids:	43 ± 2%	48 ± 2%
Weight Solids:	58 ± 2%	62 ± 2%
VOC (less exempt solvent)**:**	441 g/L; <3.68 lb/gal	406 g/L;<3.39 lb/gal
VOC may vary by base & sheen		
Recommended Spread Rate per coat:		
Wet mils:	4.5 - 9.0	4.0 - 6.0
Dry mils:	1.9 - 3.9	1.9 - 2.9
sq ft/gal:	175-360	265-400
Drying Schedule @ 77°F @ 50% RH		
To touch:	1 - 3 hours	1 - 3 hours
Tack free:	4 - 6 hours	4 - 6 hours
To recoat:	8 hours	8 hours
To Cure	7 days	7 days
Drying times are temperature, humidity and film thickness dependent.		
Flash Point:	101°F TCC	112°F TCC

Temperature:	40°F minimum, 120°F maximum air, surface, and material at least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer ..... Not Recommended

Clean Up ..... Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Airless Spray	**B54**	**B54Z**
Pressure	2500 psi	2500 psi
Hose	1/4" ID	3/8"
Tip	.015"	.015"
Filter (mesh)	100	100

Brush ..... Natural Bristle

Roller ..... 3/8" woven with solvent resistant core

If specific application equipment is listed above, equivalent equipment may be substituted.

Steel & Rusted Galvanized, Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Primer
2cts. Industrial Enamel
Steel alkyd Primer:
1ct. Kem Bond HS
Or
1ct. Kem Kromik Universal Metal Primer
2cts. Industrial Enamel
Aluminum/Galvanized Waterbased Primer:
1ct. DTM Wash Primer
2cts. Industrial Enamel
Concrete Block:
1ct. Pro Industrial Heavy Duty Block Filler
2cts. Industrial Enamel
Plaster & Poured Concrete Walls, Interior:
1ct. Loxon Concrete and Masonry Primer
2cts. Industrial Enamel
Wood, Exterior:
1ct. Exterior Oil-Based Wood Primer
2cts. Industrial Enamel
Wood, Interior:
1ct. Premium Wall & Wood Primer
2cts. Industrial Enamel
Wood, Floors:
2cts. Industrial Enamel

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
B54	No	No	No	No	No	No	No	No	No	No	No
B54Z	No	No	No	No	No	No	No	No	No	No	No

Kem® 4000 Acrylic Alkyd Enamel (B55-300 Series)

KEM 4000 is a higher solids, gloss, general purpose acrylic alkyd enamel coating intended for industrial applications. It is ideal for interior or exterior applications, the refinishing of industrial, construction, and agricultural equipment, as well as a wide range of general metal applications.

Key Attributes and Benefits:
- Interior/Exterior applications
- Fast return to service
- Formulated for fast drying and curing
- Excellent block resistance
- Fast handling times
- Suitable for use in USDA inspected facilities

For use on properly prepared:
- Steel
- Galvanized
- Aluminum

Color:		Many colors
Recommended Spread Rate per coat:		
Wet mils		4.0-5.0
Dry mils		2.1-2.7
Coverage sq ft/gal:		320-412
Drying Schedule	**@ 50°F/10°C**	**@ 77°F @ 50% RH**
To touch:	25 min	20 min
Tack Free:	90 min	60 min
To recoat:*	<4 or >24 hours	<2 or >24 hours

* Critical: A critical recoat time may occur between 2 hrs and 24 hrs when the temperature is above 50°F (10°C). (Force drying, film thickness and varying humidity conditions may change critical recoat time). Recoating should be tested on small areas under actual application conditions.
Drying and recoat times are temperature, humidity, and film thickness dependent. No maximum recoat time. Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish:	Gloss
	Extra White B55W00311 **(may vary by base)**
VOC (Less exempt solvents)**:**	384 g/L; 3.21 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12	
Volume Solids:	54 ± 2%
Weight per Gallon:	10.07 lb
Flash Point:	97°F PMCC
Vehicle Type:	Acrylic

Temperature:	40°F minimum, 120°F maximum (air, surface, and material) at least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer Below 80°F (27°C). Xylene (R2K4) or Toluene (R2K1)
Above 80°F (27°C) Aromatic Naphtha (R2K5) or
150 Flash Naphtha (R2KT4)

Airless Spray
Pressure ..... 2800 psi
Hose ..... 3/8" ID
Tip ....015-.017"
Filter ..... 60 mesh Airless Spray
Reduction: Recommended, 10-15% by volume

Conventional Spray
Gun ..... Binks 95
Fluid Nozzle 63C
AirNozzle 63PB
Atomization Pressure ..... 50 psi
Fluid Pressure ..... 15-20 psi
Reduction: Recommended, 10-15% by volume

HVLP
AirPressure ..... 10-12 psi
FluidPressure ..... 6-8 psi
Reduction: Recommended, 10-15% by volume.

If specific application equipment is not listed above,equivalent equipment may be substituted.

Steel, Light Service:
1ct. Kem 4000 Enamel
Steel, Moderate Service:
2cts. Kem 4000 Enamel
Steel Alkyd Primer:
1ct. Kem Bond HS
Or
1ct. Kem Kromik Universal Metal Primer
1-2cts. Kem 4000 Enamel
Steel Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Universal Primer
1-2cts. Kem 4000 Enamel
Aluminum & Galvanize Steel Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Universal Primer
1ct. Kem 4000 Enamel
Aluminum:
1ct. DTM Wash Primer
1ct. Kem 4000 Enamel

For improved exterior color and gloss retention, faster drying, sharper gloss, and improved block resistance in stacking, 10% by volume of Acrylic Modifier V70V411 may be added to Kem 4000.
For increased chemical and abrasion resistance, and better color and gloss retention, catalyze at an 8:1 ratio with Exterior Catalyst V66V1020, prior to reduction.

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	No	No	No	No	No	No	NA	No	No	No	No

Loxon® Self-Cleaning Acrylic Coating (LX13 Series)

Loxon Self-Cleaning Acrylic Coating is specifically engineered for exterior, above-grade, masonry surfaces requiring a clean and attractive look while providing high performance protection with enhanced water shedding and dirt pick-up resistant properties. This may be applied to a surface with a pH of 6 to 13.
Loxon Self-Cleaning Acrylic Coating is formulated to be self-cleaning by shedding dirt upon rain or water contact.

Key Attributes and Benefits:
- Excellent dirt pick up resistance
- Excellent water shedding
- Resistant to wind driven rain
- Hydrophobic characteristics
- Adhesion to multiple concrete surfaces, wood and EIFS
- Highly alkali and efflorescence resistant
- Apply directly to fresh concrete (at least 7 days old)
- Can be applied down to 35°F

Mildew Resistant - This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Color: Many colors
Recommended Spread Rate per coat:
Wet mils 5.0-7.0
Dry mils 2.1-2.9
Coverage sq ft/gal: 200-300
Coverage on porous and rough stucco 125 square feet per gallon.
Drying Schedule @ 77°F @ 50% RH
To touch: 4 hours
To recoat: 24 hours
No maximum recoat time. Drying and recoat times are temperature, humidity, and film thickness dependent.
Finish: 0-10 units @ 85°
Flash Point: N/A
Extra White LX13W0051 **(may vary by base)**
Vehicle Type: Acrylic
VOC (Less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 42 ± 2%
Weight per Gallon: 11.37 lb

Temperature: 35°F minimum, 100°F maximum (air, surface, and material) at least 5°F above dew point
Relative humidity: 85% maximum
Apply at temperatures above 35°F. When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean up ..... Water
Brush ..... Nylon/Polyester
Roller ..... 1/2”-3/4” nap synthetic
Airless Spray
Pressure ..... 2000 -2700 psi
Tip ..... .017-.021”
Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

Concrete, Masonry, Stucco
Self-prime using 2cts. of Loxon Self-Cleaning
Or
1ct. Loxon Concrete & Masonry Primer
2cts. Loxon Self-Cleaning Acrylic Coating

CMU, Block, Split-face Block
1ct. Loxon Acrylic Block Surfacer
Or Pro Industrial Heavy Duty Block Filler
2 cts. Loxon Self-Cleaning Acrylic Coating

Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

For porous block a coat of Loxon Block Surfacer is required to achieve a pinhole free surface.

System Tested: (*unless otherwise noted)
Loxon Self-Cleaning Acrylic Coating, LX13W0051
Substrate: Concrete

Test Name	Test Method	Results
Wind-Driven Rain Test*	ASTM D6904-03	Pass
Water Vapor Permeance**	Based on ASTM D1653	22 perms
Elongation**	ASTM D2370	55%
Tensile Strength**	ASTM D2370	310 psi
Flexibility	ASTM D522 - Method B, 180° bend 1/8" mandrel	Pass
Alkali Resistance	Based on ASTM D1308	Pass
Mildew Resistance	ASTM D3273/D3274	Pass
Efflorescence	ASTM D7072-04	10

*2cts Loxon Self-Cleaning Acrylic Coating at 4.2 mils dft/ct
**1 ct Loxon Self-Cleaning Acrylic Coating at 4.2-4.3 mils dft,

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	N/A	Yes

Loxon® Vertical Concrete Stain (LX31W Series) (Formerly A31-50 Series)

Loxon Vertical Concrete Stain is a water repellent that provides excellent protection and beauty for exterior tilt-up concrete. Loxon Vertical Concrete Stain will not peel, crack or blister from a properly prepared concrete or masonry surface.

Features:
- Provides excellent water repellency
- Alkali resistant
- Good early blister resistance
- Excellent adhesion
- Excellent chalk resistance
- Good UV resistance
- Excellent efflorescence resistance
- Allows moisture vapor to escape from the building interior
- May be applied to a surface with a pH of 6 to 13
- Soap & water clean-up

Use on:
- Stadium Supports
- Bridges and Bridge Structures
- Parking Garage Supports
- Block & Stucco Walls
- CMU, Split Face, and Fluted Block
- Precast, Poured-in-place, and Tilt-up Concrete.

Color: many tinted colors

Recommended Spread Rate per coat:

Approximate total* coverage rates:	**sq ft/gal***
Precast Concrete	150 - 250
Porous Concrete	100 - 200
Concrete Block	100 - 200
Decorative Block	50 - 150 (Split faced/fluted)
Stucco	50 - 150

*Calculate the amount needed for a two coat application. The first coat will penetrate and seal the surface, the second coat will uniform the color and sheen on the surface and provide a water repellant film. Some very heavy textured surfaces may require a third coat for uniformity. A test area on the actual surface should be prepared and approved to ensure the spreading rate and final appearance before the job is started.

Drying Schedule @ 77°F @ 50% RH:

To touch:	15 minutes
Recoat:	15 minutes

(Recoat as soon as the first coat is dry to the touch.)

Drying times are temperature, humidity, and film thickness dependent.

Flash Point: N/A
Finish: 0-8 units @ 60°
Vehicle Type: Acrylic
Extra White
LX31W0051
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 30 ± 2%
Weight per Gallon: 10.50 lb

Final appearance is affected by surface texture and color, absorption rate, porosity of the substrate and method of application.

Loxon Vertical Concrete Stain is not designed to waterproof concrete block or other porous substrates.

For most applications, a minimum of two coats is required for maximum water repellency and uniform appearance.

Stir stain thoroughly before and during application. When using more than one container, **intermix** all containers together to ensure color uniformity.

Temperature: 50°F minimum, 90°F maximum
(air, surface and material)
at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Thinning not required.
Brush ..... Use a nylon/polyester brush
Roller ..... Use a 3/8" - 1/2" nap cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .017" - .025"

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® 09 H	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	NA	No	Yes

Loxon® Vertical Semi-Transparent Concrete Stain LX31T0075 (Formerly A31T00075)

Loxon Vertical Semi-Transparent Concrete Stain is a water repellent that provides excellent protection and beauty for tilt-up concrete. It is designed to not peel, crack or blister from a properly prepared concrete or masonry surface.

Features:
- Provides excellent water repellency
- Alkali resistant
- Good early blister resistance
- Excellent adhesion
- Excellent chalk resistance
- Good UV resistance
- Excellent efflorescence resistance
- Allows moisture vapor to escape from the building interior
- May be applied to a surface with a pH of 6 to 13
- Soap & water clean-up

Use on:
- Stadium Supports
- Bridges and Bridge Structures
- Parking Garage Supports
- Block & Stucco Walls
- Interior/Exterior
- CMU, Split Face, and Fluted Block
- Precast, Poured-in-place, and Tilt-up Concrete.

Color: many semi-transparent colors

Recommended Spread Rate per coat:

Approximate total* coverage rates:

	sq ft/gal*
Rough Surface	150 - 300
Smooth Surface	300 - 400

*Calculate the amount needed for a two coat application. The first coat will penetrate and seal the surface, the second coat will uniform the color and sheen on the surface and provide a water repellant film. Some very heavy textured surfaces may require a third coat for uniformity. A test area on the actual surface should be prepared and approved to ensure the spreading rate and final appearance before the job is started.

Drying Schedule @ 77°F @ 50% RH:

To touch:	1 hour
Recoat:	2 hours

Drying times are temperature, humidity and film thickness dependent.

Flash Point:	N/A
Finish:	0-4 units @ 60°
Vehicle Type:	Styrenated Acrylic
	LX31T0075
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids:	27 ± 2%
Weight per Gallon:	9.51 lb

Final appearance is affected by surface texture and color, absorption rate, porosity of the substrate and method of application.

Loxon Vertical Semi-Transparent Concrete Stain is not designed to waterproof concrete block or other porous substrates.

For most applications, a minimum of two coats is required for maximum water repellency and uniform appearance.

Stir stain thoroughly before and during application. When using more than one container, **intermix** all containers together to ensure color uniformity.

Temperature:	50°F minimum, 90°F maximum (air, surface and material) at least 5°F above dew point
Relative humidity:	85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Thinning not required.

Brush ..... Use a nylon/polyester brush
Roller ..... Use a 3/8" - 1/2" nap cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .017" - .025"

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® 09 H	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	No	Yes

Loxon® 40% Silane Water Repellant (Silane LX31T0040, LX31T0840 & LX31TQ840 Canada) (Formerly A31T40/840 Series)

Loxon Water Repellants are clear silane water repellents designed to weatherproof old and new concrete and masonry against nature's destructive forces. Providing a long lasting, breathable barrier which exhibits excellent resistance to water, airborne dust and dirt, salt, acid rain, efflorescence, alkali, freeze/thaw damage and spalling.

Loxon Water Repellants protect against damage resulting from moisture intrusion and chloride ion penetration.

Recommended Uses:

Most Concrete and Masonry surfaces including:

- Stadium Supports
- Bridges and Bridge Structures
- Parking Garages
- Driveways
- Concrete & brick patios
- Tilt-up and poured-in-place walls
- Concrete block
- Fluted block
- Traffic Sound Barriers
- Sidewalks
- Mortar
- Split faced block
- Brick (clay or cement)
- Stucco

Color:	**Clear**
Recommended Spread Rate per coat:	
Smooth concrete	125-175 sq ft/gal
Porous concrete	100-150 sq ft/gal
Split face block	50-75 sq ft/gal
Fluted Block	25-50 sq ft/gal
Concrete Block	75-125 sq ft/gal
Brick (Clay)	100-150 sq ft/gal
Bridge decks	100-150 sq ft/gal
Steel troweled concrete	150-200 sq ft/gal

Coverage will vary depending on the porosity and texture of the substrate.

	LX31T0040	LX31T0840 & LX31TQ840
Drying Schedule @ 77°F @ 50% RH:		
Touch:	3 hours	3 hours
Recoat:	wet on wet	wet on wet

If a second coat is required to uniform the application, this product **MUST** be applied wet-on-wet.

Drying times are temperature, humidity and film thickness dependent.

Vehicle Type:	Silane	Silane
Flash Point, TCC:	55°F	158°F
VOC (less exempt solvents)**:**	494 g/L	343 g/L
	4.12 lb/gal	2.86 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Active Content:	40 ± 2%	40 ± 2%
Weight per Gallon:	6.87 lb	7.89 lb

Sherwin-Williams Technical Data for the Silane Water Repellent reports Active Content which is based off ASTM D5095 - Standard Test Method for Determination of the Nonvolatile Content in Silanes, Siloxanes, and Silane-Siloxane Blends Used in Masonry Water Repellents Treatments. A catalyst is used to react the treatment and some active content is consumed as the treatment polymerizes yielding a lower solids value. The total solids for this product by ASTM D5095 is 40% ± 2%.

- A single flood coat is recommended, if a second coat is needed, it MUST be applied as a wet-on-wet application or there may be intercoat adhesion problems.
- Surface texture determines actual coverage.
- Stir thoroughly before and during application.
- Air and surface temperature should be between 50°F and 90°F.
- Do not reduce.
- Protect against rain for 4 to 5 hours to allow the water repellent to become effective.
- Allow 7 days for the product to fully react before evaluating performance.
- Do not use on asphalt surfaces
- Not for immersion service.

If surface is damp or wet from weather or cleaning, allow the surface to dry thoroughly before applying any coating.

Apply by low pressure airless sprayer or pump-up sprayer. The best results are achieved when working with low spraying pressures so the impregnating solution is applied in the form of droplets rather than a mist. Use the flood method.

Vertical surfaces - saturate or "flood", allowing the material to run down 8 to 10 inches. Work from the bottom up and in sections small enough to allow the run down to remain "wet" as application continues.

Horizontal surfaces - coat with enough material to allow it to stand for a few seconds before penetrating.

National Cooperative Highway Research Program 244 REPORT, Series II Test

	LX31T0040	LX31T0840
Reduction in Chloride Ion Intrusion		
Minimum Required	75%	75%
Actual	76%	95%
Water Repellency		
Rilem Tube (72 hrs)	79%	88%
Immersion (3 day)	88%	73%
Alkali Resistance Tests:		

Each was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed.

Alkali:		
5% NaOH	Pass	Pass
10% NaOH	Pass	Pass

Loxon 40% Silane Water Repellent is not recommended for topcoating over film-forming paints, stains, or sealers. It will not prevent water penetration through unsound or cracked surfaces or structures with defective structural waterproofing, caulking or flashing.

Not for use on marble, limestone, or other forms of calcium carbonate. These surfaces can be very smooth, this product may not penetrate into these surfaces and provide the water repellency needed.

This Silane product technology does not bead water like traditional concrete sealers, rather it reacts with the concrete substrate to resist water absorption and the darkening of the concrete. The use of the Rilem test method 11.4 will provide the most accurate measure of moisture penetration into the substrate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
LX31T0040	No	No	No	No	No	No	Yes	NA	NA	No	No
LX31T0840	Yes	No	No	Yes	No	Yes	Yes	NA	NA	No	No
LX31TQ840	Yes	No	No	Yes	No	Yes	Yes	NA	NA	No	No

Loxon® Water Blocking Primer/Finish (LX12W0050) (Formerly Water Blocking Primer/Finish B72W08010)

Loxon Water Blocking Primer/Finish is a primer/finish designed to seal bare interior and exterior masonry walls from moisture penetration into the structure. Also features Odor Eliminating Technology helps reduce common indoor odors so rooms stay fresher, longer.*

Color White
Recommended Spread Rate per coat:
75-125 sq ft/gal
5.3 - 8.0 mils wet; 2.4 - 3.7 mils dry
Coverage on porous & rough surfaces:
100 square feet per gallon
Drying Schedule @ 77°F @ 50% RH:
Touch: 1 hour
Recoat with itself: 2-4 hours
May be topcoated after 24 hours with architectural latex or oil-based finishes. Drying and recoat times are temperature, humidity and film thickness dependent.
Finish: Flat, 0 - 10 @ 85°
Flash Point: N/A
White LX12W0050
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 46 ± 2%
Weight per Gallon: 11.53 lb
WVP Perms (US) 44.77 grains/(hr ft^2 in Hg)

Temperature: 40°F minimum
air, surface, and material
at least 5°F above dew point
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction necessary.
May be applied to damp but not to wet surfaces.
Brush ..... Purdy Nylon Glide or
Contractor Series Polyester
Roller Cover ..... Purdy Golden Eagle, 1/2”-3/4” nap
Contractor Series Polyester, 1/2”-3/4” nap
Airless Spray
Pressure ..... 2000 psi
Tip..... .017” - .021”

Considerations to minimize pinholes:
- 2 coat application with appropriate drying between coats
- Spray application with backrolling
- Power rolling

Spray and backroll on porous & rough concrete or masonry to achieve required film build and a pin-hole free surface.

*The length of time this product, when not topcoated actively reduces odors depends on the concentration, the frequency of exposure and the amount of painted surface area.

Features:
- Use above and below grade interior and above grade exterior
- Resists hydrostatic pressure
- Stops water seepage
- Mildew resistant
- Use down to 40°F

For use on these surfaces:
- Interior and exterior masonry walls
- Use over damp (not wet) surfaces

For use on these substrates:
- Block/CMU
- Precast concrete
- Poured in place concrete
- Tilt up concrete

Interior
Masonry, Block
2 cts. Loxon Water Blocking Primer/Finish
or to provide improved wear:
2 cts. Loxon Water Blocking Primer/Finish
1-2 cts. Harmony Interior Latex Finish

Exterior
Masonry, Block
2 cts. Loxon Water Blocking Primer/Finish
or to provide improved wear:
2 cts. Loxon Water Blocking Primer/Finish
1-2 cts. Duration Exterior Latex Finish

May be used as a primer/finish or to maintain the odor-reducing benefits, may be topcoated with Harmony Interior Latex finishes.

May be topcoated after 24 hours with architectural latex or oil–based finishes.

With a pin-hole free surface:

Test Name	Test Method	Results
Water Resistance:	ASTM D7088-04	12 psi
Alkali (pH) Resistance:		up to 13

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes

Loxon XP® Waterproofing Coating (LX11 Series) (Formerly A24-1400 Series)

Loxon XP is an exterior, high build coating that provides excellent flexibility, durability and weather resistance. This product will protect against wind-driven rain when used on concrete, CMU, stucco and shotcrete/gunite. It is highly alkali and efflorescence resistant. This may be applied to a surface with a pH of 6 to 13.

- Apply directly to fresh concrete (at least 7 days old)
- Shotcrete/gunite surfaces may be painted after 3 days
- Can be applied over high pH (up to 13) substrates
- No primer required
- Can be applied down to 35°F

Color: Most colors

Recommended Spread Rate per coat:
(1 coat system, brush, roller or spray applied)

Wet mils	14.0 - 18.0
Dry mils	6.5 - 8.4
Coverage sq ft/gal	90 - 115

Can be applied up to 40 mils wet. Coverage will vary with the substrate and the texture. Coverage on porous & rough stucco is 80 square feet per gallon.

Drying Schedule @ 50% RH:	@ 35-45°F	@ 45°F+
Touch:	6 hour	4 hours
Recoat:	24-48 hours	24 hours

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A
Finish: 0-10 units @ 85°
Vehicle Type: Styrene Acrylic
Extra White LX11W0051
(may vary by base)
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s. 12
Volume Solids: 47 ± 2%
Weight per Gallon: 11.47 lb

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.
Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.
Do not reduce.
Brush - Use a nylon/polyester brush.
Roller - Use a ½" to 1½" nap synthetic roller cover.
Airless Spray
Pressure, minimum.....2300 psi
Tip, minimum.....021"
The substrate and its condition will determine the application procedure.
Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

Concrete, Stucco, Concrete Block, CMU, Split-face Block, and other Cementitious surfaces
1 ct. Loxon Acrylic Block Surfacer (if needed)
or
1 ct Loxon Acrylic Conditioner (if needed)
1-2 cts Loxon XP
For extremely porous block a coat of Loxon Block Surfacer may be required to achieve a pinhole free surface. Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

Previously Coated in good condition
After power washing, apply 1 coat of Loxon XP over the surface.

Waterproofing System

- Two coats of topcoat
- 6.5 to 8.4 mils dft per coat
- 13 to 16.8 mils total dry film thickness
- 10 or less pinholes per square foot

For proper waterproofing performance and to resist alkali, 2 coats of the coating **MUST** be applied between 14.0 -18.0 mils wet per coat.

A total dry film thickness of 13 - 16.8 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

For rehabilitating existing concrete water tanks, additional products may be used.

System Tested:

Test Name	Test Method	Results
Wind-Driven Rain Test**	ASTM D6904-03	Passes
Water Vapor Permeance**	Based on ASTM D1653	17.96 perms
Elongation*	ASTM D2370	275%
Tensile Strength*	ASTM D2370	285 psi
Flexibility	ASTM D522	Passes
Alkali Resistance	Based on ASTM D1308	Passes
Mildew Resistance	ASTM D3273/D3274	Passes
CO^2 Diffusion (anti-carbonation)	ASTM F2476 Equivalent Air Thickness (>50 meters to pass):	344 meters 8.0 g/m²/24 hrs
Chloride Ion Permeability	"Very Low" Permeability Class	243 coulombs
Crack Bridging	EN 1062-7 Method A up to 2.5 mm @ -10°C	Class A5

*1 ct Loxon XP @ 9.4 mils dft, 14 day cure @ 77°F & 50% RH
**2 cts Loxon XP @ 6.4 - 8.3 mils dft/ct

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Macropoxy® 646 Fast Cure Epoxy (B58-600 Series)

MACROPOXY 646 FAST CURE EPOXY is a high solids, high build, fast drying, polyamide epoxy designed to protect steel and concrete in industrial exposures. Ideal for maintenance painting and fabrication shop applications. The high solids content ensures adequate protection of sharp edges, corners, and welds. This product can be applied directly to marginally prepared steel surfaces.

- Recommended for marine applications, refineries, offshore platforms, fabrication shops, chemical plants, tank exteriors, power plants,water treatment plants, and mining and minerals industry
- Mill White and Black are acceptable for immersion use for salt water and fresh water, not acceptable for potable water
- Suitable for use in USDA inspected facilities

Finish: Semi-Gloss
Color: Mil White, Black and a wide range of colors available through tinting
Volume Solids: 72% ± 2%, mixed, Mill White
VOC (mixed)**:** <250 g/L; <2.08 lb/gal mixed, unreduced
VOC may vary by base & sheen <300 g/L; <2.50 lb/gal mixed, reduced 10%
Mix Ratio: 1:1 by volume
Recommended Spread Rate per coat:(may vary by substrate)

Wet mils:	7.0 - 13.5
Dry mils:	5.0* - 10.0
Coverage:	115 - 230 sq ft/gal approximate

*May be applied at 3.0-10.0 mils (75-250 microns) dft in a multicoat system **NOTE:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 35°F	@ 77°F	@ 100°F
To touch:	4-5 hours	2 hours	1½ hours
To handle:	48 hours	8 hours	4½ hours
To recoat:			
minimum:	48 hours	8 hours	4½ hours
maximum:	1 year	1 year	1 year
To cure for service:			
atmospheric:	10 days	7 days	4½ days
immersion:	14 days	7 days	4 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.

Pot Life:	10 hours	4 hours	2 hours
Sweat-in-time:	30 minutes	30 minutes	15 minutes

Flash Point: 85°F, PMCC, mixed

Temperature:
Air : 35°F minimum, 120°F (49°C) maximum
Surface: 35°F minimum, 250°F (120°C) maximum
Material: 40°F minimum
At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer/Clean Up.....Reducer R7K15
In California .....Reducer R7K111 or Oxsol 100
Airless Spray
Pump 30:1
Pressure .....2800 - 3000 psi
Hose .....1/4" ID
Tip.....017" - .023"
Filter.....60 mesh
Reduction .....As needed up to 10% by volume
Conventional Spray
Gun ..... DeVilbiss MBC-510
Fluid Tip ..... E
Air Nozzle..... 704
Atomization Pressure .... 60 - 65 psi (4.1 – 4.5 bar)
Fluid Pressure..... 10 - 20 psi (0.7 – 1.4 bar)
Reduction .....As needed up to 10% by volume
Brush.....Nylon/Polyester or Natural Bristle
Roller Cover.....3/8" woven with solvent resistant core
Reduction .....As needed up to 10% by volume

Immersion and atmospheric:
Steel and Concrete/Masonry, smooth:
2 cts. Macropoxy 646 @ 5.0 - 10.0 mils dft/ct
Concrete Block:
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10.0 - 20.0 mils dft, as needed to fill voids and provide a continuous substrate.
2 cts. Macropoxy 646 @ 5.0 - 10.0 mils dft/ct

Atmospheric:
Steel:
1 ct. Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft
2 cts. Macropoxy 646 @ 5.0 - 10.0 mils dft/ct
Steel, Organic Zinc Primer, Atmospheric
1 ct. Zinc Clad IV (85) @ 3.0-5.0
1 ct. Macropoxy 646 @5.0-10.0
Steel, Inorganic Zinc Primer, Atmospheric:
1 ct. Zinc Clad II (85) 2.0-4.0
1 ct. Macropoxy 646 5.0-10.0
Steel, Organic Zinc/Epoxy/Urethane Topcoat
1 ct. Zinc Clad IV (85) 3.0-5.0
1 ct. Macropoxy 646 5.0-10.0
1 ct. Acrolon 7300 2.0-4.0
Steel, Inorganic Zinc/Epoxy/Urethane Topcoat
1 ct. Zinc Clad II (85) 2.0-4.0
1 ct. Macropoxy 646 5.0-10.0
1 ct Acrolon 7300 2.0-4.0
Steel, Organic Zinc/Epoxy/Polysiloxane Topcoat, Atmospheric
1 ct. Zinc Clad IV (85) @ 3.0-5.0
1 ct. Macropoxy 646 @ 5.0-10.0
1-2 cts. Sher-Loxane 800 @ 2.0-4.0

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	NA	No	No

Macropoxy® 646-100 Fast Cure Epoxy (B58-620 Series)

MACROPOXY 646-100 FAST CURE EPOXY is a high solids, less than 100 g/L VOC mixed, high build, fast drying, polyamide epoxy designed to protect steel and concrete in industrial exposures. Ideal for maintenance painting and fabrication shop applications. The high solids content ensures adequate protection of sharp edges, corners, and welds. This product can be applied directly to marginally prepared steel surfaces.

- Recommended for marine applications, refineries, offshore platforms, fabrication shops, chemical plants, tank exteriors, power plants and water treatment plants
- Mill White is acceptable for immersion use for salt water and fresh water, not acceptable for potable water
- Suitable for use in USDA inspected facilities

Finish: Semi-Gloss
Color: Mill White and a wide range of colors available through tinting
Volume Solids: 72% ± 2%, mixed, Mill White
VOC (mixed)**:** <100 g/L; <0.83 lb/gal, mixed unreduced
VOC may vary by base & sheen <100 g/L; <0.83 lb/gal, mixed reduced 10%
Mix Ratio: 1:1 by volume
Recommended Spread Rate per coat:
Wet mils: 7.0 - 13.5
Dry mils: 5.0* - 10.0 (may vary by substrate)
Coverage: 116 - 232 sq ft/gal approximate
*May be applied at 3.0-10.0 mils (75-250 microns) dft in a multicoat system **NOTE:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 100°F
To touch:	4-5 hours	2 hours	1½ hours
To handle:	48 hours	8 hours	4½ hours
To recoat:			
minimum:	48 hours	8 hours	4½ hours
maximum:	1 year	1 year	1 year
To cure for			
service:	10 days	7 days	4 days
immersion:	14 days	7 days	4 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.

Pot Life:	10 hours	4 hours	2 hours
Sweat-in-time:	30 minutes	30 minutes	15 minutes

Flash Point: 61°F, PMCC, mixed

Temperature: 40°F minimum, 140°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer/Clean Up.....Reducer R7K111 or Oxsol 100
Airless Spray
Pump 30:1
Pressure .....2800 - 3000 psi
Hose .....1/4" ID
Tip.....017" - .023"
Filter.....60 mesh
Reduction .....As needed up to 10% by volume
Conventional Spray
Gun ..... DeVilbiss MBC-510
Fluid Tip ..... E
Air Nozzle..... 704
Atomization Pressure .... 60 - 65 psi
Fluid Pressure..... 10 - 20 psi
Reduction .....As needed up to 10% by volume
Requires oil and moisture separators
Brush.....Nylon/Polyester or Natural Bristle
Roller Cover.....3/8" woven with solvent resistant core
Reduction .....Not recommended

Immersion and Atmospheric:
Steel and Concrete/Masonry, smooth:
2 cts. Macropoxy 646-100 @ 5.0 - 10.0 mils dft/ct
Concrete Block:
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer @ 10.0 - 20.0 mils dft, as needed to fill voids and provide a continuous substrate
2 cts. Macropoxy 646-100 @ 5.0 - 10.0 mils dft/ct

Atmospheric:
Steel:
1 ct. Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft
2 cts. Macropoxy 646-100 @ 5.0 - 10.0 mils dft/ct
Steel:
1 ct. Macropoxy 646-100 @ 3.0 - 10.0 mils dft
1-2 cts. Acrolon 218 Polyurethane @ 3.0 - 6.0 mils dft/ct
or Hi-Solids Polyurethane @ 3.0 - 5.0 mils dft/ct
or Hi-Solids Polyurethane 250 @ 3.0 - 5.0 mils dft/ct
Steel:
1 ct. Zinc Clad II Plus @ 3.0 - 6.0 mils dft
1 ct. Macropoxy 646-100 @ 3.0 - 10.0 mils dft
1-2 cts. Acrolon 218 Polyurethane @ 3.0 - 6.0 mils dft/ct
Steel:
1 ct. Zinc Clad III HS @ 3.0-5.0 mils dft
or Zinc Clad IV @ 3.0-5.0 mils dft
1 ct. Macropoxy 646-100 @ 3.0-10.0 mils dft
1-2 cts. Hi-Solids Polyurethane-250 @ 3.0-5.0 mils dft/ct
Steel:
1 ct. Zinc-Clad IV Primer@ 3.0-5.0 mils dft
1 ct. Macropoxy 646-100 @ 3.0-10.0 mils dft
1-2cts. Pro Industrial Waterbased Acrolon 100 @ 4.0-8.0 mils dft/ct
Aluminum and Galvanizing:
2 cts. Macropoxy 646-100 @ 2.0 - 4.0 mils dft/ct

The systems listed above are representative of the product's use, other systems may be appropriate.
Epoxy coatings may darken or discolor following application and curing.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes

Metalastic® DTM Acrylic Modified Enamel (B55Z-600 Series)

METALASTIC DTM is a high-build acrylic modified enamel with rust-inhibitive properties for application directly to bare steel. Provides an economical alternative to many maintenance and new construction projects.

- Interior/Exterior Use
- Good gloss and color retention
- Corrosion resistance and finish coat protection in one coat
- Easy application properties
- Suitable for use in USDA inspected facilities

For use on properly prepared:
- Structural Steel
- Previously painted
- Properly primed aluminum & galvanized steel

Finish: Semi-Gloss
Color: Wide range of colors available
Volume Solids: Pure White 62% ± 2%, may vary by color
Weight Solids: 79% ± 2%, may vary by color
VOC (less exempt solvent)**:** 306 g/L; <2.55 lb/gal, unreduced
VOC may vary by base & sheen

Recommended Spread Rate per coat:

	Minimum	Maximum
Wet mils	5.0	8.0
Dry mils	3.1	5.0
Coverage sq ft/gal	198	320

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 120°F
To touch:	3 hours	3 hours	45 minutes
To handle:	10 hours	6 hours	1 hours
To recoat:	36 hours	18 hours	6 hours
To cure:	14 days	7 days	7 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: 123°F, PMCC

Temperature: 40°F minimum, 120°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer/Clean Up
Below 80°F ..... VM&P Naphtha, R1K3
Above 80°F ..... Hi-Flash Naphtha, R2K5

Airless Spray
Pressure ..... 2400 psi
Hose ..... 3/8" ID
Tip ..... 015"
Filter ..... 60 mesh
Reduction ..... Not recommended

Brush ..... Natural Bristle
Roller Cover ..... 3/8" woven with solvent resistant core
Reduction ..... As needed, up to 3½% by volume

Steel, Light Service:
1 ct. Metalastic DTM

Steel, Moderate Service:
2 cts. Metalastic DTM

Steel Alkyd Primer:
1ct. Kem Bond HS
Or
1ct. Kem Kromik Universal Metal Primer
1-2ct. Metalastic DTM

Steel Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Universal Primer
1-2ct. Metalastic DTM

Aluminum & Galvanize Steel Acrylic Primer:
1ct. Pro Industrial Pro-Cryl Universal Primer
1-2ct. Metalastic DTM

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

System: (unless otherwise indicated)
Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3
Finish: Direct-to-Metal Enamel, B55W00101 @ 3.0 mils dft/ct.
*unless otherwise noted below

Test Name	Test Method	Results
Dry Heat Resistance	ASTM D2485	200°F (discolors)
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Passes
Pencil Hardness	ASTM D3363	3B
Fineness of grind[1]	Hegman	6 Hegman minimum
Sag Test[1]	ASTM D4400	10 mils minimum
Viscosity[1]	KU	100-110 KU

[1] Standard test based on Certificate of Analysis

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	No	No	No	No	No

Metalatex® Semi-Gloss Coating (B42 Series)

METALATEX SEMI-GLOSS COATING is a durable interior/exterior multi-purpose, 100% acrylic emulsion coating. Designed for new construction and maintenance applications in light to moderate industrial environments.

- Mild alkali / Acid resistant
- Interior/exterior all-purpose maintenance coating
- Topcoat for zinc-rich primers
- Outstanding application characteristics
- Suitable for use in USDA inspected facilities

Finish: Semi-Gloss
Color: Wide range of colors including safety colors
Volume Solids: Extra White 37% ± 2%, may vary by color
Weight Solids: 46% ± 2%, may vary by color
B42W111 Extra White
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal,
As per 40 CFR 59.406 and SOR/2009-264, s. 12

Recommended Spread Rate per coat:

	Minimum	Maximum
Wet mils	4.0	11.0
Dry mils	1.5	4.1
Coverage sq ft/gal	145	395

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.0 mils wet, @ 50% RH:

	@ 55°F	@ 77°F	@ 100°F
To touch:	3 hours	30 minutes	10 minutes
To handle:	7 hours	1 hour	1 hour
To recoat:	18 hours	4 hours	3 hours
To cure:	30 days	20 days	10 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: N/A

Temperature: 50°F minimum, 100°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water
Airless Spray
Pressure .....2500 psi
Hose .....1/4" ID
Tip.....015"
Filter.....60 mesh
Reduction .....As needed up to 12½% by volume
Conventional Spray
Gun.....Binks 95
Fluid Nozzle.....66
Air Nozzle .....63 PB
Atomization Pressure ....50 psi
Fluid Pressure .....20-50 psi
Reduction .....As needed up to 12½% by volume
Brush .....Nylon / polyester
Roller Cover .....3/8" woven solvent resistant core
Reduction .....Not recommended

If specific application equipment is listed above, equivalent equipment may be substituted.

Steel, alkyd primer:
1 ct. Kem Bond HS Universal Metal Primer
2 cts. Metalatex Semi-Gloss Coating
Steel, water based primer:
1 cts. Pro Industrial DTM Acrylic Primer/Finish
2 cts. Metalatex Semi-Gloss Coating
Aluminum and Galvanizing:
1 cts. Metalatex Semi-Gloss Coating
Aluminum/Galvanizing, water based primer:
1 ct. DTM Wash Primer
2 cts. Metalatex Semi-Gloss Coating
Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Metalatex Semi-Gloss Coating
Concrete/Masonry:
2 cts. Metalatex Semi-Gloss Coating
Poured Concrete Walls, Interior/Exterior:
1ct. Loxon Concrete and Masonry Primer
2cts. Metalatex Semi-Gloss
Wood, exterior:
1 ct. Exterior Oil-Based Wood Primer
2 cts. Metalatex Semi-Gloss Coating
Wood, interior:
1 ct. Premium Wall & Wood Primer
2 cts. Metalatex Semi-Gloss Coating
Drywall Interior:
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. Metalatex Semi-Gloss Coating

System Tested:
1 ct. DTM Acrylic Primer/Finish @ 3 mils dft
1 ct. Metalatex Semi-Gloss @ 3 mils dft (unless otherwise noted)
Substrate: Steel
Surface Preparation: SSPC-SP6

Test Name	Test Method	Results
Abrasion Resistance[1]	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	34.1 mg loss
Adhesion[1]	ASTM D4541	906 psi
Direct Impact	ASTM D2794	>176 in. lbs.
Dry Heat Resistance	ASTM D2485	250°F
Flexibility (cold rolled steel)	ASTM D522, 180° bend, 1/4" mandrel	Pass
Humidity Resistance	ASTM D4585, 1156 hours	Corrosion 9.5, Blistering 10
Pencil Hardness	ASTM D3363	B

[1] 2 finish coats 6 mils wft.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes

Opti-Bond™ Multi-Surface Coating (B50W00100)

OPTI-BOND Multi-Surface Coating is a one-coat, rust-inhibitive, interior/exterior, alkyd finish for ceilings and overhead expanses. Opti-Bond can be directly applied over a variety of surfaces in a single coat to provide uniform color and improved light reflectance. Contains Portland Cement.

Features:
- Interior/Exterior applications
- Corrosion resistant
- Compatible with a variety of substrates
- Suitable for use in USDA inspected facilities

For use on properly prepared:
- Steel
- Concrete/Masonry
- Aluminum & galvanized steel
- Previously painted

Color: White

Recommended Spread Rate per coat:

	Minimum	Maximum
Wet mils	3.5	6.0
Dry Mils	2.0	3.5
Coverage sq ft/gal	473	270

Drying Schedule @ 4.0 mils wet, 50% RH:

	@ 55°F/13°C	@ 77°F/25°C	@ 100°F/38°C
To touch:	**2 hours**	**1 hours**	**30 minutes**
To Handle:	**2.5 hours**	**2 hours**	**1 hour**
To recoat:	**16 hours**	**12 hours**	**4 hours**
To cure:	**10 days**	**7 days**	**3 days**

Drying times are temperature, humidity and film thickness dependent.

Finish: 0 - 5 units @ 85°

	White B50W00100
VOC (less exempt solvents)**:**	319 g/L; 2.66 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s. 12

Volume Solids:	59 ± 2%
Weight Solids:	79 ± 2%
Weight per Gallon:	13.16 lb
Flash Point:	104°F TCC
Vehicle Type:	Alkyd

Temperature: 40°F minimum, 120°F maximum (air, surface, and material) at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up .....Clean spills, spatters & tools with compliant cleanup solvent. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool,other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of i in accordance with local fire regulations.

Reducer .....Mineral Spirits,R1K4

Airless Spray

Pressure ..... 2800 psi
Hose ..... 3/8" ID
Tip ..... . .019-.021"
Filter ..... 60 mesh
Reduction ..... Not recommended

Conventional Spray

Gun ..... Binks 95
Fluid Nozzle 66
AirNozzle 63PB
Atomization Pressure ..... 60 psi
Fluid Pressure ..... 50 psi
Reduction ..... As needed up to 5% by volume

Recommended for use in:
- Interior / exterior
- Overhead decking
- Concrete ceilings
- Joists
- Beams
- Conduit

Steel:
2cts. Opti-Bond
Aluminum:
1-2cts. Opti-Bond
Galvanized waterbased primer:
1-2cts. Opti-Bond
Concrete Block:
1ct. Pro Industrial Heavy Duty Block Filler
Or
1ct. Kem Cati-Coat HS Epoxy Filler
1-2cts. Opti-Bond
Concrete /Masonry:
1-2cts. Opti-Bond
Previously Painted:
1-2cts. Opti-Bond

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	Yes	No	Yes	NA	No	No	No	No

Paint Shield® Interior Latex Eg-Shel Microbicidal (D12W00051 Extra White)

EPA Reg. No. 64695-1

Paint Shield® Interior Latex Eg-Shel Microbicidal:
Introducing the first EPA-registered paint that continuously kills 99.9% of Methicillin-resistant Staphylococcus aureus (MRSA), Enterobacter aerogenes, Staphylococcus aureus (Staph), and Vancomycin resistant Enterococci (VRE) within 2 hours of exposure on a painted surface.

Helps prevent the spread of bacteria on painted surfaces†

Painted surfaces kill greater than 99.9% of bacteria within 2 hours of exposure, and continue to kill 90% of bacteria even after repeated contamination.

†Staphylococcus aureus (Staph), Enterobacter aerogenes, Methicillin -resistant Staphylococcus aureus (MRSA), Vancomycin-resistant Enterococcus faecalis (VRE), and Escherichia coli (E.coli).

Ingredients Statement
Active Ingredient:

Alkyl (C14 50%, C16 10%, C12 40%) Dimethyl Benzyl Ammonium Chloride	0.52%
Other Ingredients:	99.48%
TOTAL:	100.00%

Color: ~ 550 colors available
Recommended Spread Rate per coat:

Wet mils	4.0
Dry Mils	1.8
Coverage sq ft/gal	350 - 400

Drying Schedule @ 77°F, @ 50% RH:

Touch:	1 hour
Recoat:	4 hours

Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: Eg-Shel
Tinting with CCE only: May be tinted with no more than 3 oz. of ColorCast Ecotoner colorant per gallon. Do not exceed 3 ounces per gallon of total colorant. Check color before use.

Extra White
D12W00051

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 41.5 ± 2%
Weight Solids: 58 ± 2%
Weight per Gallon: 11.49 lb

For use on hard, non-porous interior ceilings, walls, doors, and trim in nursing homes, assisted living facilities or other group homes, day care centers, doctor & dentist offices, and non-critical areas of hospitals such as waiting rooms, examination rooms, hallways and walkways. For use in residences, offices, commercial facilities, universities, colleges, dorm rooms, and health clinics.
Do not use on floors or on exterior surfaces.

Required; 2 coats of paint over a primer for new construction or 2 coats of paint over previously painted sound surfaces:
On Drywall:
Harmony Latex Primer or equivalent
On Masonry:
Loxon Concrete & Masonry Primer or equivalent
On Block:
Loxon Acrylic Block Surfacer or equivalent
On Plaster:
Premium Wall & Wood Primer or equivalent
On Wood:
Premium Wall & Wood Primer or equivalent

Temperature: Apply at temperatures above 50°F
Do not thin. Apply two coats by brush or roller only.
Brush ..... Use a nylon/polyester brush
Roller ..... Use a 1/4" to 3/4" nap synthetic cover

DO NOT APPLY BY AIRLESS SPRAYER

Use only with adequate ventilation. To avoid over exposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area.

The surface may be cleaned when soiled and up to once per month or based on current standard cleaning schedule. Cleaning does not impact bacterial reduction performance of the surface.

To insure continuous protection, repaint surface if film becomes damaged (cracked, chipped, etc.) or if paint becomes covered (i.e., film, wax, oils, other paints, crayons, etc.) or within 4 years.

The use of an antimicrobial treated surface is a supplement to and not a substitute for standard infection control practices; user must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. The painted surface material has been shown to reduce microbial contamination, but does not necessarily prevent cross contamination.
Proper Care and Use: The use of Sherwin-Williams Paints does not replace standard infection control procedures and good hygienic practices. The surfaces must be cleaned and disinfected according to standard practice. Health care facilities must maintain the product in accordance with infection control guidelines; users must continue to follow all current infection control practices, including those practices related to disinfection of environmental surfaces.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	No	NA	Yes	Yes	Yes	Yes

Primers

Harmony® Interior Latex Primer is an anti-microbial* interior primer designed for use with the Harmony Interior Latex topcoats providing a complete zero VOC system. If desired, you can topcoat with any Sherwin-Williams interior latex or oil architectural topcoat.

For use on these interior surfaces:

- Drywall
- Plaster
- Masonry, Concrete, Cement Block

Color: White
Spread Rate: 350 - 400 sq ft/gal @ 4 mils wet; 1.3 mils dry
Drying Schedule @ 77°F @ 50% RH:
Touch: 1 hour
Recoat: 4 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: 0 - 5 units @ 85°
Vehicle Type: EVA
White B11W01500
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 34 ± 2% **Weight per Gallon:** 11.51 lb
WVP Perms (US) 6.9 grains/(hr ft^2 in Hg)

*Anti-microbial: This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

ProMar® 200 Zero VOC Interior Latex Primer is a professional quality, interior vinyl acrylic primer. This primer has been designed for use with the ProMar Series Interior Latex topcoats providing a complete system. If desired, you can topcoat with any Sherwin-Williams interior latex or oil architectural topcoat.

For use on these interior surfaces:

- Drywall
- Plaster
- Wood
- Primed Metal
- Masonry
- Previously painted surfaces

Color: White
Spread Rate: 350 - 400 sq ft/gal @ 4 mils wet; 1.0 mils dry
Drying Schedule @ 77°F @ 50% RH:
Touch: 1 hour
Recoat: 4 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: 0 - 5 units @ 85°
Vehicle Type: Vinyl Acrylic
White B28W02600
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 26 ± 2% **Weight per Gallon:** 10.77 lb
WVP Perms (US) 25.8 grains/(hr ft^2 in Hg)

Premium Wall & Wood Interior Latex Primer

- Assures uniform color and gloss of topcoat
- Assures consistent and maximum sheen of enamel topcoats on surfaces of varying porosity
- Quick drying
- Fast sanding
- Excellent coverage
- Quality sealer under wallcovering

For use on these surfaces:

- Wood
- Drywall
- Plaster
- Plywood
- Primed Metal
- Previously painted surfaces

Color: White
Spread Rate: 350 - 400 sq ft/gal @ 4 mils wet; 1.6 mils dry
Drying Schedule @ 77°F @ 50% RH:
Touch: 30 minutes
To Sand: 2 hours
Recoat: 2 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: 0 - 5 units @ 85°
Vehicle Type: Vinyl Acrylic Latex
White B28W08111
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 40 ± 2% **Weight per Gallon:** 11.20 lb
WVP Perms (US) 68.21 grains/(hr ft^2 in Hg)

PrepRite® ProBlock® Interior/Exterior Latex Primer/Sealer is a fast drying primer that assures uniform appearance of topcoats. It seals minor dried water stains and tannin as well as solvent sensitive stains - tar, solvent based markers, etc. Promotes adhesion to slick, glossy surfaces and provides easy “slip” for positioning of wallpaper. Can be applied at temperatures down to 35°F.

Use on interior:

- Ceiling Tiles
- Paneling
- Wall Laminate
- Cured plaster
- Varnished Woodwork
- Kitchen Cabinets
- Ceramic Wall Tile
- Under wallcovering

Use on interior & exterior:

- Concrete & Masonry
- Glazed Block
- Wood & Drywall
- Aluminum/Galvanized Metal
- Glossy Surfaces
- Many Plastics & PVC Piping
- Fiberglass & Copper
- Previously Painted Surfaces

Color: White & Deep Base
Spread Rate: 350 - 400 sq ft/gal @ 4 mils wet; 1.4 mils dry
Drying Time, @ 77°F, 50% RH:
Touch: 30 minutes
Recoat as a primer 1 hour
Recoat as a stain sealer: 4 hours
To apply wallcovering: 3 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A **Finish:** 5 - 10 units @ 85°
Vehicle Type: Styrenated Acrylic Latex
White B51W00620
VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 35 ± 2% **Weight per Gallon:** 10.89 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
B11W01500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B28W02600	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B28W08111	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
B51W00620	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Primers

Pro Industrial™ Pro-Cryl® Universal Primer is an advanced technology, self cross-linking acrylic primer. It is rust inhibitive and designed for commercial, new construction and maintenance applications. It can be used as a primer under water-based or solvent-based high performance topcoats.

Advantages:

- Rust inhibitive, corrosion resistant
- Single component
- Early moisture resistant
- Fast dry
- Application down to 40°F
- Interior and exterior use
- Suitable for use in USDA inspected facilities

Color: Off White, Medium Gray, Red Oxide

Spread Rate: 160 - 320 sq ft/gal @ 5 -10 mils wet; 1.9 - 3.8 mils dry

Drying Schedule @ 6.0 mils wet @ 50% RH:

	40°F	77°F	120°F
Touch:	2 hour	40 minutes	20 minutes
Tack free:	8 hours	2 hours	1 hour
To recoat:	16 hours	4 hours	2 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Off White B66W01310

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 38 ± 2% **Weight per Gallon:** 10.lb

Pro Industrial™ DTM Acrylic Primer/Finish is an advanced acrylic emulsion, waterborne, corrosion resistant coating for both new construction and industrial applications. It can be used as a primer under most water based topcoats or alone as a primer/topcoat system. It can be used directly over multiple substrates.

Advantages:

- Flash/Early rust resistant
- Corrosion resistant
- Single component
- Early moisture resistant
- Fast dry
- Interior and exterior use
- Suitable for use in USDA inspected facilities

Color: White

Spread Rate: 160 - 320 sq ft/gal @ 5 -10 mils wet; 1.95 - 3.9 mils dry

Drying Schedule @ 6.0 mils wet @ 50% RH:

	55°F	77°F	120°F
Touch:	1 hour	40 minutes	20 minutes
Tack free:	6 hours	4 hours	2 hours
To recoat:	8 hours	4 hours	2 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Off White B66W00011

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 39 ± 2% **Weight per Gallon:** 10.35lb

Extreme Bond™ Primer is a high quality, waterborne, acrylic, primer. Designed for coating hard, slick, glossy surfaces with minimal surface preparation.

- Fast Drying
- One coat application
- Assures uniform appearance of topcoat
- Universal, will accept many Hi-Performance finishes

Interior & Exterior for use on these surfaces:

- PVC Piping & Plastics
- Wall Laminate
- Glossy Surfaces
- Aluminum
- Kitchen Cabinets
- Glass & Fiberglass
- Varnished Woodwork
- Ceramic Wall Tile & Glazed Block
- Previously Painted Surfaces
- Fluoropolymer coatings

Color: White Base

Spread Rate: 450 - 500 sq ft/gal @ 3.1 mils wet; .9 mils dry

Drying Schedule @ 77°F @ 50% RH:

Touch: 30 minutes
Recoat as a primer: 1 hour
Recoat as a stain sealer: 4 hours
Recoat with Hi Performance Finish: 24 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Finish: 0 - 5 units @ 60°

Vehicle Type: Acrylic

White B51W00150

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 30 ± 2%

Weight per Gallon: 10.93 lb

Extreme Block™ Stain Blocking Primer/Sealer is a versatile indoor/outdoor formula that has the power to seal off stubborn stains like smoke, fire and nicotine and blocks tannin bleed from bare wood. This quick-dry alkyd coating can prime the surface and be topcoated in less time than conventional two-coat systems, making it ideal for multi-family property managers, facility maintenance crews and residential repainters who need to quickly restore properties to a fresh condition.

Masonry

- Stain Blocking, Fast drying
- Blocks and seals stains from water, smoke, fire, nicotine, knots and tannin bleed
- Multi-purpose oil-based primer, Easily sands
- Excellent adhesion
- High hiding, Interior or Exterior use

Color: White

Spread Rate: 350 - 400 sq ft/gal @ 4 mils wet; 2.2 mils dry

Drying Schedule @ 77°F @ 50% RH:

Touch: 1 hour
Recoat: 2 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: 111°F TCC **Finish:** Flat

Vehicle Type: Alkyd

Off White B49W00600

VOC (less exempt solvents): 338 g/L; 2.82 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 55 ± 2% **Weight per Gallon:** 11.498lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
B66W01310	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes,all colors	Yes
B66W00011	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B51W00150	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B49W00600	Yes	No	No	No	No	Yes	Yes	No	No	No	No

Primers

Loxon® Acrylic Block Surfacer is a lightweight technology, 100% acrylic resin surfacer for interior and exterior poured and precast concrete, concrete block, cinder block, and stucco. It is designed to smooth and uniform surfaces, helping to reduce pinholes.

Use on interior/Exterior
- Concrete Block
- Precast Concrete
- Stucco
- Cinder Block

Color: Off White
Spread Rate: 50 - 100 sq ft/gal @ 16 mils wet; 8.8 mils dry

Drying Schedule	**@35-55°F**	**@ 77°F @ 50% RH:**
Touch:	2 hour	1 hours
Recoat:		
with latex:	24 hours	8 hours
with alkyd:	48 hours	48 hours
with high performance:	48 hours	48 hours

Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A **Finish:** Flat
Vehicle Type: Acrylic
Off White LX01W0200 (Formerly A24W00200)
VOC (less exempt solvents): 86 g/L; 0.72 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 55 ± 2% **Weight per Gallon:** 9.39 lb
WVP Perms (US) 35.99 grains/(hr ft2 in Hg)

Loxon® Concrete & Masonry Primer is an acrylic coating specifically engineered for interior and exterior, above-grade, masonry surfaces requiring a high performance primer. It is highly alkali and efflorescence resistant and can be applied to surfaces with a pH of 6 to 13.

For use on these surfaces:
- Concrete
- Fiber Cement Siding
- Concrete Block
- Plaster
- Brick
- Mortar
- Stucco
- EIFS Exterior Wall Cladding

Color: White
Spread Rate: 200 - 300 sq ft/gal
5.3 - 8.0 mils wet; 2.1 - 3.2 mils dry

Drying Schedule @ 77°F @ 50% RH:
Touch: 4 hours
Recoat: 24 hours

Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A
Finish: 0 - 10 units @ 85°
Vehicle Type: Acrylic
White LX02W0050 (Formerly A24W08300)
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 41 ± 2% **Weight per Gallon:** 10.92lb
WVP Perms (US) 26.67 grains/(hr ft^2 in Hg)

Loxon® Acrylic Conditioner is a 100% acrylic emulsion conditioner that will penetrate and seal interior and exterior surfaces and bond light chalk to the surface. With excellent alkali and efflorescence resistance, this sealer allows new concrete, stucco, and other cementitious surfaces to be coated prior to a 30-day cure, and will adhere to new or existing concrete with a pH of 6 to 13.

Use on interior/Exterior
- Concrete Block
- Fiber Cement Siding
- Stucco
- Mortar
- Precast Concrete
- EIFS Exterior Wall Caldding
- Brick

Color: Off White or Clear
Spread Rate: 200 - 300 sq ft/gal
Drying Schedule @ 77°F @ 50% RH:
Touch: 30 minutes
Tack Free: 1 hour
Recoat: 3 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A **Finish:** Flat
Vehicle Type: Proprietary Acrylic
Off White LX03W0100 (Formerly A24W01100)
VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 18 ± 2% **Weight per Gallon:** 8.92 lb
Clear LX03V0100 (Formerly A24V01100)
VOC (less exempt solvents): 86 g/L; <0.72 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 16 ± 2% **Weight per Gallon:** 8.44 lb

ConFlex™ Block Filler is a commercial strength acrylic resin block filler formulated for precast concrete, (CMU)concrete block, and is suitable for both interior and exterior applications. It is designed to smooth and uniform surfaces, helping to reduce pinholes. Effective on above-grade, unpainted masonry surfaces

Use on interior/Exterior
- Concrete Block
- Precast Concrete
- Stucco
- Cinder Block

Features:
- Commercial strength acrylic block filler
- Great Filling Properties
- Applies by Brush, Roller or Spray
- Suitable for use in USDA-inspected facilities

Color: White
Spread Rate: 75 - 100 sq ft/gal @ 16 mils wet; 8.1 mils dry
Drying Schedule @ 77°F @ 50% RH:
Touch: 1 hour
Recoat: with itself: 1 hour
with latex: 18 hours
with alkyd: 48 hours
Drying and recoat times are temperature, humidity and film thickness dependent.
Flash Point: N/A **Finish:** Flat
Vehicle Type: Acrylic Latex
Off White CF01W0050
VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 51 ± 2% **Weight per Gallon:** 14.00lb
WVP Perms (US) 67.96 grains/(hr ft2 in Hg)

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
LX01W0200	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
LX02W0050	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LX03W0100 &V0100	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CF01W0050	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes

Primers

DTM BONDING PRIMER is a waterborne, acrylic emulsion, adhesion-promoting bonding primer. Designed to be part of a system for coating pre-finished metal siding (such as those containing Fluorocarbon [Kynar®], Silicone Polyester, or Polyester Polymers), or other hard, slick, glossy surfaces, and previously painted surfaces.

For use over properly prepared pre-finished siding:
- Fluorocarbons (Kynar®)
- Polyester Polymers
- Silicone Polyesters
- Must be topcoated
- Outstanding application characteristics

Color: Off White
Spread Rate: 135 - 328 sq ft/gal @ 5-12 mils wet; 2.1-5.1 mils dry

Drying Schedule	**@ 8.0 mils wet, 50% RH:**	
	@50°F	**@ 77°F**
Touch:	1 hour	40 minutes
Handle:	6 hours	4 hours
Recoat:	8 hours	4 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: N/A **Finish:** 0-5@85°

Off White B66A00050
VOC (less exempt solvents): <50 g/L; 0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 43 ± 2% **Weight per Gallon:** 11.18 lb

DTM WASH PRIMER is a water based wash primer designed to be applied over aluminum and galvanizing, or used as a tie-coat over zinc rich primers. Accepts high performance "hot" solvent topcoats directly, such as epoxies and urethanes.
No "critical" film thickness or recoat time
Suitable for use in USDA inspected facilities
For use over properly prepared pre-finished siding:
- Aluminum
- Galvanizing
- Stainless steel
- Zinc rich primers

Color: Yellow-Green
Spread Rate: 250 - 500 sq ft/gal @3.4-6.4 mils wet; .7-1.4 mils dry

Drying Schedule	**@ 6.0 mils wet, 50% RH:**	
	@50°F	**@ 77°F**
Touch:	3 hours	2 hours
Handle:	3 hours	2 hours
Recoat:	8 hours	2 hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Flash Point: N/A **Finish:** 4-8@60°

Off White B71Y00001
VOC (less exempt solvents): 98 g/L; 0.82 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 22 ± 2% **Weight per Gallon:** 9.41 lb

KEM KROMIK® UNIVERSAL METAL PRIMER is a rust inhibiting, modified phenolic alkyd resin primer designed for use over iron and steel substrates. Can be used as a universal primer under high performance topcoats. Suitable as a barrier coat over conventional coatings which would normally be attacked by strong solvents in high performance coatings.
Features:
• High film build to protect sand blasted steel • Corrosion resistant
• Universal, can be topcoated with epoxies and urethanes
• Exterior/interior • Suitable for use in USDA inspected facilities
For use over properly prepared pre-finished siding:
- Steel

Color: **Off** White, Brown, Gray
Spread Rate: **Off White B50WZ0001 (varies by base)**
200 - 267 sq ft/gal @ 6-8 mils wet; 3.3-4.4 mils dry

Drying Schedule	**@ 6.0 mils wet, 50% RH:**	
	@40°F	**@ 77°F**
Touch:	2 hours	30 minutes
Handle:	2.5 hours	1 hour
Recoat: itself	2.5 hours	1 hour
To recoat:*^	36 hours	16 hours

* Recoat with hot solvents or high performance coatings.
^For maximum adhesion, acrylic topcoats require 48 - 72 hours drying of primer.
Drying and recoat times are temperature, humidity and film thickness dependent.

Off White B50WZ0001 (varies by base)
VOC (less exempt solvents): 389 g/L; 3.24 lb/gal
Volume Solids: 55 ± 2% **Weight per Gallon:** 12.86 lb
As per 40 CFR 59.406 and SOR/2009-264, s.12
Flash Point: 80°F PMCC **Finish:** Flat

KEM BOND® HS is a fast drying, higher solids, rust inhibitive, universal, phenolic alkyd metal primer. Kem Bond HS can be topcoated with alkyd, acrylic, and high performance coatings. Also suitable as a "barrier" coat over conventional coatings which would normally be attacked by strong solvents in high performance coatings.
Features:
• High film build to protect sand blasted steel • Good corrosion protection
• Universal, can be topcoated with epoxies and urethanes
• Exterior/interior • Suitable for use in USDA inspected facilities

For use over properly prepared pre-finished siding:
- Steel

Color: Off White, Red Oxide, Gray
Spread Rate: **Off White B50WZ0004 (varies by base)**
202 - 531 sq ft/gal @ 3-8 mils wet; 1.9-5.0 mils dry

Drying Schedule	**@ 4.0 mils wet, 50% RH:**	
	@40°F	**@ 77°F**
Touch:	1 hour	30 minutes
Handle:	3 hours	1 hour
Recoat: itself	6 hours	2 hours
To recoat:*^	24 hours	24 hours

* Recoat with hot solvents or high performance coatings.
^For maximum adhesion, acrylic topcoats require 48 - 72 hours drying of primer.
Drying and recoat times are temperature, humidity and film thickness dependent.

Off White B50WZ0004 (varies by base)
VOC (less exempt solvents): 309 g/L; 2.58 lb/gal
Volume Solids: 63 ± 2% **Weight per Gallon:** 13.73 lb
As per 40 CFR 59.406 and SOR/2009-264, s.12
Flash Point: 99°F PMCC **Finish:** Flat

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
B66A00050	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
B71Y00001	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
B50WZ0001	No	No	No	No	No	No	Yes	No	No	No	No
B50WZ0004	Yes	No	No	No	No	Yes	Yes	No	No	No	No

Pro Industrial™ Acrylic (B66-660,650 & 600 Series)

Pro Industrial Acrylic is an ambient cured, single component 100% acrylic coating. It is designed for interior and exterior industrial and commercial applications

Eg-Shel ..... B66-660 Series
Semi-Gloss ..... B66-650 Series
Gloss ..... B66-600 Series

- Chemical resistant
- Outstanding early moisture resistance
- Flash rust/early rust resistant
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat: (may vary by base)

Wet mils: 6.0 - 12.0
Dry mils: 2.1 - 4.2
Coverage: 135 - 265 sq ft/gal, approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	1 hr	30 min	5 min
Tack free:	8 hrs	5 hrs	15 min
To recoat:	8 hrs	5 hrs	15 min

Drying times are temperature, humidity and film thickness dependent.

Finish: 70+@60° Gloss, 40-50@60° Semi-Gloss, 20-30@85° Eg-Shel

Flash Point: N/A

Extra White B66W00611

VOC(less exempt solvents)**:** <50 g/L; <0.42 lb/gal, (may vary by base)
As per 40 CFR 59.406 and SOR/2009-264, s. 12

Volume Solids: 35 ± 2%

Weight per Gallon: 9.50 lb/gal

Temperature: 50°F minimum, 120°F maximum
(Air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer ..... Water

Airless Spray

Pressure ..... 1500 psi
Hose ..... 1/4" ID
Tip ..... .017" - .021"
Filter ..... 60 mesh
Reduction ..... Not recommended

Brush ..... Nylon / polyester

Roller ..... 3/8" woven

Reduction ..... Not recommended

Steel*
2 cts. Pro Industrial Acrylic

Steel
1 ct. Pro Industrial Pro-Cryl Universal Primer
or Pro Industrial DTM Acrylic Primer/Finish
1-2 cts. Pro Industrial Acrylic

Aluminum & Galvanizing
1-2 cts. Pro Industrial Acrylic

Concrete Block
1 ct. Loxon Acrylic Block Surfacer
1-2 cts. Pro Industrial Acrylic

Concrete/Masonry
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. Pro Industrial Acrylic

Drywall
1 ct. ProMar 200 Zero VOC Latex Primer
1-2 cts. Pro Industrial Acrylic

Wood, exterior
1 ct. Exterior Latex Wood Primer
1-2 cts. Pro Industrial Acrylic

Wood, interior
1 ct. Premium Wall & Wood Primer
1-2 cts. Pro Industrial Acrylic

* Safety colors, Deep Base and Ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection. Application of coating on unprimed bare steel may cause pinpoint rusting.

System Tested (unless otherwise indicated)**:**
2 cts. Pro Industrial Acrylic B66W00651@ 6.2 mils dft/ct
Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Adhesion	ASTM D4541	1324 psi
Corrosion Weathering (over Pro Industrial Pro-Cryl Universal Primer)	ASTM D5894, 1500 hours, 5 cycles	Rating 10, per ASTM D714 for blistering; Rating 9.5 per ASTM D1654 for corrosion
Direct Impact Resistance	ASTM D2794	>176 in. lb
Dry Heat Resistance	ASTM D2485	300°F
Flexibility:	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity Resistance (over Pro Industrial Pro-Cryl Universal Primer)	ASTM D4585, 1480 hours	Rating 10, per ASTM D714 for blistering; Rating 10 per ASTM D1654 for corrosion
Pencil Hardness	ASTM D3363	3B

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Pro Industrial™ DTM Acrylic (B66-1200,1100 & 1000 Series)

Pro Industrial DTM Acrylic is an interior/exterior, water based corrosion resistant acrylic coating for light to moderate industrial use. Designed for new construction or maintenance use and can be used directly over prepared substrates.

- Chemical resistant
- Suitable for use in USDA inspected facilities
- Corrosion resistant
- Flash/early rust resistant
- Fast dry

Eg-Shel.....B66-1200 Series
Semi-Gloss.....B66-1100 Series
Gloss.....B66-1000 Series

Color: most colors

Recommended Spread Rate per coat:

	B66W01251 Eg-Shel	B66W01151 Semi-Gloss	B66W01051 Gloss
Wet mils:	6.0 - 9.5	6.0 - 10.0	6.0 - 10.0
Dry mils:	2.5 - 4.0	2.4- 4.0	2.4 - 4.0
Coverage: sq ft/gal, approximate	170 - 275	160 - 267	160 - 267

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 100°F
To touch:	1 hour	20 minutes	10 minutes
Tack free:	2 hours	45 minutes	30 minutes
To recoat:	2 hours	1 hour	1 hour

Drying times are temperature, humidity, and film thickness dependent.

Finish: 10-20@ 60° Eg-Shel, 38-48@ 60° Semi-Gloss, 70+@60° Gloss

Flash Point: NA NA NA

VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal (may vary by color)

As per 40 CFR 59.406 and SOR/2009-264, s. 12

Volume Solids: 42% ± 2% 40% ± 2% 40% ± 2%

Weight per Gallon: 10.61 lb 10.21 lb 9.74 lb

Temperature: 50°F minimum, 110°F maximum (Air, surface, and material) At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer.....No Recommended

Airless Spray

Pressure.....1500 psi
Hose.....1/4" ID
Tip.....017 - .021""
Filter.....60 mesh

Brush.....Nylon/Polyester

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained.

Roller.....1/4"-3/8" woven

If specific application equipment is listed above, equivalent equipment may be substituted

Steel*:
2 cts Pro Industrial. DTM Acrylic
Steel:
1ct Pro Industrial Pro-Cryl Universal Primer
or Pro Industrial DTM Primer/Finish
1-2 cts Pro Industrial DTM Acrylic
Aluminum:
1-2 cts Pro Industrial DTM Acrylic
Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
1-2 cts Pro Industrial DTM Acrylic
Concrete/Masonry:
1 ct. Loxon Concrete & Masonry Primer
1-2 cts Pro Industrial DTM Acrylic
Drywall:
1 ct. ProMar 200 Zero VOC Primer
1-2 cts Pro Industrial DTM Acrylic
Galvanized:
2 cts Pro Industrial DTM Acrylic
Pre-finished Siding (Baked-on finishes):
1 ct. DTM Bonding Primer
1-2 cts Pro Industrial DTM Acrylic

* Safety colors, Deep Base and Ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection. Application of coating on unprimed bare steel may cause pinpoint rusting.

System Tested:
2 cts. Pro Industrial DTM Acrylic B66W1251@ 3.0 mils dft/ct

Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Adhesion:	ASTM D4541	>500 psi
Corrosion Weathering:	ASTM D5894, 5 cycles, 1680 hours	Rating 10 per ASTM D714 for blistering, Rating 9.5 per ASTM D1654 for corrosion
Direct Impact Resistance:	ASTM D2794	≥ 176 in. lb
Dry Heat Resistance:	ASTM D2485	300°F
Flexibility:	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity Resistance:	ASTM D4585, 1156 hours	Rating 10 per ASTM D714 for blistering, Rating 10 per ASTM D1654 for corrosion
Pencil Hardness:	ASTM D3363	4B,30 day cure
Salt Fog Resistance:	ASTM B117, 591 hours	Rating 10 per ASTM D714 for blistering, Rating 9 per ASTM D1654 for corrosion

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Pro Industrial™ DTM Acrylic Primer/Finish (B66W00011)

Pro Industrial DTM Acrylic Primer/Finish is an advanced acrylic emulsion, waterborne, corrosion resistant coating for both new construction and industrial applications. It can be used as a primer under most water based topcoats or alone as a primer/topcoat system. It can be used directly over multiple substrates.

- Flash/Early rust resistant
- Corrosion resistant
- Early moisture resistant
- Fast Dry
- Interior and exterior use
- Suitable for use in USDA inspected facilities

Color: White

Recommended Spread Rate per coat:

Wet mils: 5.0 - 10.0
Dry mils: 1.9 - 3.9
Coverage: 160 - 320 sq ft/gal, approximate

Approximate spreading rates are calculated on volume solids and do not include any application loss. Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet @ 50% RH:

	@ 55°F	77°F	120°F
To touch:	1 hr	40 minutes	20 minutes
Tack free;	6 hrs	4 hrs	2 hrs
To recoat:	8 hrs:	4 hrs	2 hrs

Drying times are temperature, humidity and film thickness dependent.

Finish: 10 - 20@ 60°

Flash Point: N/A

White B66W00011

VOC (less exempt solvents):

<50g/L; <0.42 lb/gal,

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 39 ± 2%

Weight per Gallon: 10.35 lb/gal ±2%

Temperature: 50°F minimum, 120°F maximum
(Air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer ..... Water

Airless Spray

Pressure ..... 2000 psi
Hose ..... 1/4" ID
Tip ..... .015" - .019"
Filter ..... 60 mesh
Reduction ..... Not recommended

Brush ..... Nylon / polyester
Reduction ..... Not recommended

Roller ..... 3/8" woven
Reduction ..... Not recommended

Water Based Topcoat:

1-2 cts. Pro Industrial Acrylic Coating
or Pro Industrial Acrylic Dryfall
Pro Industrial DTM Acrylic
Pro Industrial DTM Acrylic Primer/Finish
Pro Industrial Multi-Surface Acrylic
Pro Industrial Pre-Catalyzed Epoxy
Pro Industrial Water Based Alkyd Urethane
Pro Industrial Water Based Catalyzed Epoxy, B73-Series

Other acceptable topcoats:

1-2 cts. Metalatex Coating
or High Performance Architectural Water Based Acrylic Coatings

The finishes listed above are representative of the product's use, other finishes may be appropriate.

System Tested: (unless otherwise indicated)

2 cts. Pro Industrial DTM Acrylic Primer/Finish @ 3 mils dft/ct

Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Abrasion Resistance:	ASTM D4060, CS17 Wheel, 1000 cycles, 1 kg load	225 mg loss
Accelerated Weathering QUV: (2 coats)	ASTM D4587, QUV-A, 4,000 hours	Pass
Adhesion:	ASTM D4541	>500 psi
Corrosion Weathering:	ASTM D5894, 12 cycles, 4032 hours	Rating 9 per ASTM D610 for rusting, Rating10 per ASTM D714 for blistering
Direct Impact Resistance:	ASTM D2794	>140 in. lbs.
Dry Heat Resistance:	ASTM D2485	250°F
Flexibility:	ASTM D522, 180° bend, 1/4" mandrel	Pass
Moisture Condensation Resistance (2 coats):	ASTM D4585, 100°F	Excellent
Pencil Hardness:	ASTM D3363	H
Salt Fog Resistance:	ASTM B117, 500 hrs	Excellent

Provides performance comparable to products formulated In Lieu of federal specification: AA50557 and Paint Specification: SSPC-Paint 23.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Pro Industrial™ Heavy Duty Block Filler B42W00150

Pro Industrial Heavy Duty Block Filler is a commercial strength block filler formulated for precast concrete, concrete block, and cinder block, and is suitable for both interior and exterior applications.

- Excellent filling properties
- Good hide
- Applies by brush, roller or spray
- Interior/Exterior
- Suitable for use in USDA inspected facilities

Color: White

Recommended Spread Rate per coat:

Wet mils:	16.0 - 21.0
Dry mils:	8.0 - 10.5
Coverage(approximate):	75 - 100 sq ft/gal,

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 77°F @ 16.0 mils wet @ 50% RH:

To touch:	2 hrs
Tack free:	8 hrs
To recoat:	
Itself:	1 hr
Water borne	18 hrs
Solvent borne	72 hrs

Drying times are temperature, humidity and film thickness dependent.

Finish: Flat

Flash Point: N/A

White B42W00150

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 50 ± 2%

Weight per Gallon: 13.99 lb/gal

Temperature: 50°F minimum, 95°F maximum
(Air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up (only) .....Water
Reduction .....Not Recommended
Airless Spray
Pressure .....2300 psi
Tip.....019" - .028"
Backroll with a 3/4" to 1 1/4" synthetic roller.
Brush .....Nylon / polyester
Roller .....3/4" to 1 1/4" synthetic

Pro Industrial Heavy Duty Block Filler is ready-to-spray (airless) and does not require thinning. Mix material thoroughly to a uniform consistency with power agitation and apply by brush, roller, or spray. Follow by squeegee, trowel, or roller, being careful to force material into pores in order to produce a relatively smooth surface. In wet areas, a smooth continuous pinhole-free appearance is necessary for proper protection before topcoating. Two coats will provide the most uniform surface.

Acrylic Finishes:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial Acrylic Coating
or Pro Industrial DTM Coating
Pro Industrial Multi-Surface Acrylic

Alkyd Finishes:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial Urethane Alkyd
or Pro Industrial WB Alkyd Urethane

Catalyzed Epoxy, Solvent Based:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial High Performance Epoxy
or Macropoxy 646
Macropoxy 646-100
Tile-Clad High Solids Epoxy

Catalyzed Epoxy, Water Based:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial Water Based Epoxy
or Pro Industrial Pre-Catalyzed Epoxy

Polyurethane Finish, Solvent Based:
1 ct. Pro Industrial Heavy Duty Block Filler
1 ct. Macropoxy 646
2 cts. High Solids Polyurethane
or Acrolon 218 HS Polyurethane

Polyurethane Finish, Water Based:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial WB Acrolon 100

System Tested:
1 ct. Pro Industrial Heavy Duty Block Filler

Substrate: Concrete
Surface Preparation: SSPC-SP13

Test Name	Test Method	Results
Adhesion:	ASTM D4541	>200 psi
Direct Impact Resistance:	ASTM D2794	8 in. lb
Dry Heat Resistance:	ASTM D2485	200°F
Flexibility:	ASTM D522, 180° bend, 1" mandrel	Pass
Moisture Resistance:	TT-C-555b	No failure
Thermal Shock:	ASTM D2246 (5 cycles)	Excellent
Wet Heat Resistance:	Non-immersion	120°F
Wind Driven Rain:	TT-C-555b	Pass

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Pro Industrial™ High Performance Epoxy (B67-200 Series)

Pro Industrial High Performance Epoxy is an 80% volume solids, two-package, epoxy polyamine for use in industrial maintenance environments and high performance architectural applications.

- Chemical resistant
- Abrasion resistant
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat:

Wet mils:	5.0 - 10.0
Dry mils:	4.0 - 8.0
Coverage:	160 - 320 sq ft/gal, approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 100°F
To touch:	10 hrs	8 hrs	2 hrs
Tack free:	10 hrs	8 hrs	5 hrs
To recoat:			
minimum:	36 hrs	8 hrs	5 hrs
maximum:	30 days	30 days	30 days
To cure:	14 days	14 days	3 days
Pot Life:	2.5 hrs	2 hrs	1 hr

Drying times are temperature, humidity and film thickness dependent.

Mix Ratio: 4:1
Sweat-in-time: None required
Finish: 80+ @ 60° - Gloss
Flash Point: 80°F TCC, mixed
VOC (mixed)**:** **B67W201/B67V200**
VOC may vary by base & sheen <250 g/L; <2.08 lb/gal, mixed
Volume Solids: 80% ± 2%
Weight Solids: 89% ± 2%
Weight per Gallon: 12.92 lb

Temperature: 50°F minimum, 110°F maximum (Air, surface, and material) At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer ..... Reducer R7K54
Airless Spray
Pressure ..... 2800 psi
Hose ..... 3/8"-1/2" ID
Tip ..... .017"
Filter ..... 60 mesh
Reduce ..... As needed up to 10% by volume
Brush ..... Nylon/Polyester or Natural Bristle
Reduction ..... Not recommended
Roller ..... 1/4"-3/8" woven
Reduction ..... Not recommended

Steel, acrylic universal primer:
1ct Pro Industrial Pro-Cryl Universal Primer
1-2 cts Pro Industrial High Performance Epoxy
Steel, solvent-based universal primer:
1 ct Kem Bond HS
1-2 cts Pro Industrial High Performance Epoxy
Concrete Block:
1 ct. Loxon Acrylic Block Surfacer
1-2 cts Pro Industrial High Performance Epoxy
Poured/Tilt-up Concrete (including floors):
1-2 cts Pro Industrial High Performance Epoxy
Aluminum:
1 ct DTM Wash Primer
or Pro Industrial Pro-Cryl Universal Primer
1-2 cts Pro Industrial High Performance Epoxy
Galvanized:
1-2 cts Pro Industrial High Performance Epoxy
Interior Plaster and Wallboard:
1 ct ProMar 200 Zero VOC Latex Primer
1-2 cts Pro Industrial High Performance Epoxy
Wood:
1-2 cts Pro Industrial High Performance Epoxy

System Tested:
1 ct. Recoatable Epoxy @ 4.0 mils dft
1 ct. Pro Industrial High Performance Epoxy @ 5.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Abrasion Resistance:	ASTM D4060 CS17 wheel, 1000 cycles, 1 kg load	113 mg loss
Accelerated Weathering - QUV:	ASTM D4587, QUV-A, 5,000 hours	Pass
Adhesion:	ASTM D4541	840 psi
Corrosion Weathering:	ASTM D5894, 13 cycles, 4,368 hours	Rating 10 per ASTM D714 for blistering, Rating 10 per ASTM D610 for rusting
Direct Impact Resistance:	ASTM G14	70 in. lb.
Dry Heat Resistance:	ASTM D2485	200°F
Exterior Durability:	1 year 45° South	Excellent (with chalk)
Flexibility:	ASTM D522, 180° bend, 1½" mandrel	Passes
Moisture Condensation Resistance:	ASTM D4585, 100°F, 1000 hours	No blisters, rust, delamination, or creepage
Pencil Hardness:	ASTM D3363	H
Salt Fog Resistance:	ASTM B117, 6,000 hours	Rating 8 per ASTM D714 for blistering, Rating 10 per ASTM D610 for rusting
Thermal Shock:	ASTM D2246, 15 cycles	Pass

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No

Pro Industrial™ Multi-Surface Acrylic (B66-1560, 1550 & 1500 Series)

Pro Industrial Multi-Surface Acrylic is a waterborne acrylic for interior and exterior use on marginally prepared metal or masonry surfaces. Features eg-shel, semi-gloss and gloss finishes, fast dry, easy application and dry fall properties.

Eg-Shel.....B66-1560 Series
Semi-Gloss.....B66-1550 Series
Gloss .....B66-1500 Series

- Self-priming directly to multiple surfaces
- Excellent one-coat hide and stain blocking
- Excellent adhesion to slick and glossy surfaces
- Optimized for spray application
- Good exterior color and gloss retention
- Dries fast and dry falls in 10 feet
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat:

Wet mils:	3.75 - 6.0
Dry mils:	1.5 - 2.5
Coverage:	263- 435 sq ft/gal, approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 110°F
To touch:	1 hr	30 min	15 min
Tack free:	2 hrs	1 hr	30 min
To recoat:	4 hrs	2 hrs	1 hr
Dryfall:	10-15 ft	10 ft	10 ft

Drying times are temperature, humidity and film thickness dependent.

Finish: 10-20@85°Eg-Shel, 35-45@60° Semi-Gloss, 70+@60° Gloss

Flash Point: N/A

Extra White B66W01501 (may vary by color)

VOC (less exempt solvents): <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 41 ± 2%

Weight per Gallon: 10.31 lb/gal

Temperature: 50°F minimum, 100°F maximum
(Air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer.....Water

Airless Spray

Pressure .....2000 psi
Hose .....1/4" ID
Tip.....013" - .017"
Filter.....60 mesh
Reduction .....Not recommended

Brush.....Nylon / polyester
Reduction .....Not recommended

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

Roller.....1/4" woven
Reduction .....Not recommended

Steel:
2 cts. Pro Industrial Multi-Surface Acrylic

Steel:
1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. Pro Industrial Multi-Surface Acrylic

Aluminum & Galvanizing:
2 cts. Pro Industrial Multi-Surface Acrylic

Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial Multi-Surface Acrylic

Concrete/Masonry:
2 cts. Pro Industrial Multi-Surface Acrylic

System Tested:

2 cts. Pro Industrial Multi-Surface Acrylic, B66W01501 @ 2.5 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Abrasion Resistance:	ASTM D4060, CS17 Wheel, 1000 cycles, 1 kg load	28.1 mg loss
Direct Impact Resistance:	ASTM D2794	36 in. lb
Dry Heat Resistance:	ASTM D2485	300°F
Flexibility:	ASTM D522, 180° bend, 1/8" mandrel	Pass
Pencil Hardness:	ASTM D3363	4H

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Gloss & Eg-Shel	Yes	Yes	No	Yes

Pro Industrial™ Pre-Catalyzed Waterbased Epoxy (Eg-Shel K45 Series, Semi-Gloss K46 Series)

Pro Industrial Pre-Catalyzed Waterbased Epoxies are single-component pre-catalyzed waterborne acrylic epoxies that offer the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products. These products can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

- Interior institutional/commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings with a high performance protection system with excellent adhesion
- Chemical resistant
- Hospitals and Schools
- Institutional dining and kitchen areas
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat:

Wet mils	4.0
Dry mils	1.4
Coverage	350 - 400 sq ft/gal

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.0 mils wet 50% RH 77°F:

Touch:	1 hour
Recoat:	8 hours

Drying times are temperature, humidity and film thickness dependent. If this product dries 72 hours or longer it must be sanded before it is recoated. This product is fully dry in approximately 5 - 7 days.

Finish:

Eg-Shel	25 - 35 units @ 85°
Semi-Gloss	50 - 60 units @ 60°

Flash Point: N/A

	Extra White K45W01151	K46W01151
VOC(less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	36 ± 2%	35 ± 2%
Weight per Gallon:	10.57 lb	10.39 lb

Temperature: 50°F minimum, 120°F maximum (Air, surface, and material) At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Airless Spray

Pressure	1800 - 2700 psi
Hose	1/4" ID
Tip	.015" - .021"
Filter	60 mesh
Reduction	Not recommended

Brush ..... Nylon / polyester

Reduction ..... Not recommended

Roller ..... 1/4 - 1/2" woven

Reduction ..... Not recommended

Block

1 ct. Loxon Acrylic Block Surfacer
2 cts. Pro Industrial Pre-Catalyzed Waterbased Epoxy

Drywall

1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. Pro Industrial Pre-Catalyzed Waterbased Epoxy

Masonry

1 ct. Loxon Concrete & Masonry Primer
2 cts. Pro Industrial Pre-Catalyzed Waterbased Epoxy

Steel, Aluminum, Galvanized

1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. Pro Industrial Pre-Catalyzed Waterbased Epoxy

Wood

1 ct. Premium Wall and Wood Primer
2 cts. Pro Industrial Pre-Catalyzed Waterbased Epoxy

System Tested:

1ct. DTM Acrylic Primer/Finish
1ct. Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel,K45-1151

Substrate: Steel
Surface Preparation: SSPC-SP6

Test Name	Test Method	Results
Adhesion*:	ASTM D3359	5B
Block Resistance:	Lab Assessment	Excellent
Pencil Hardness:	ASTM D3363	2B
Scrub Resistance:	ASTM D 2486	500 - 600 cycles**

*100% Adhesion for light colors; Darker colors require longer cure time for same level of adhesion

** With stiff bristle brush and pumice scrub media, with shim

Tested: Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel,K45-1151

Chemical Resistance		Stain Resistance	
Excellent Resistance * Limited Resistance x			
Distilled Water (Hot and Room temperature)	*	**Mustard**	*
Ethanol	*	**Grape Juice**	*
10% Acetic Acid	*	**Red Crayon**	*
25% Sodium Hydroxide	*	**Lipstick, Red**	*
50% Sulfuric Acid	*	**Permanent Ink**	x
5% Phosphoric Acid	*	**Coffee**	*
10% Hydrochloric Acid	*	**Tea**	*
Methanol	*	**Ketchup**	*

Mildew Resistant: This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4
150 series Eg-Shel & S/G	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
1150 series Eg-Shel & S/G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Pro Industrial™ Urethane Alkyd Enamel (B54-150 Series)

Pro Industrial Urethane Alkyd Enamel is a high gloss coating intended for interior/exterior use in industrial environments. It is easy to brush, roll or spray. Provides performance comparable to silicone alkyds.

- Modified with urethane resin for increased exterior durability
- Resistant to chipping and flaking
- Resists premature yellowing compared to conventional alkyds
- Abrasion resistant
- Appropriate for interior and exterior applications
- Excellent application characteristics
- Suitable for use in USDA inspected facilities

Color: Most Colors

Recommended Spread Rate per coat:

Wet mils: 3.5 - 7.0
Dry mils: 2.0 - 4.0
Coverage: 231 - 462 sq ft/gal, approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.0 mils wet @ 50% RH:

	45°F	77°F	120°F
To touch:	4 hrs	2½ hrs	30 min
Tack free:	10 hrs	4 hrs	2 hrs
To recoat:	36 hrs	18 hrs	8 hrs
To cure:	7 days	7 days	5 days

Drying times are temperature, humidity and film thickness dependent.

Finish: 75+ @ 60° Gloss

Flash Point: 103°F, TCC

Extra White B54W00151

VOC (less exempt solvents)**:** 326 g/L; 2.72 lb/gal, unreduced
may vary by color

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 58% ± 2%

Weight per Gallon: 9.75 lb

Temperature: 40°F minimum, 120°F maximum
(air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Reducer/Clean Up.....Mineral Spirits, R1K4* or Xylene, R2K4

Airless Spray

Pressure .....1800 psi minimum
Hose .....3/8" ID
Tip.....017" - .019"
Filter.....60 - 100 mesh
Reduction .....As needed up to 10% by volume

*To maintain VOC compliance of 340 g/L, only a 2% reduction with Mineral Spirits, R1K4 is allowed.

Brush .....Natural bristle
Reduction .....As needed up to 10% by volume

Roller Cover .....1/4 - 3/8" lambswool or synthetic cover
Reduction .....As needed up to 10% by volume

Steel (alkyd primer):
1 ct. Kem Bond HS Primer
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Aluminum:
1 ct. DTM Wash Primer
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Galvanized Metal:
1 ct. Galvite HS
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Interior Plaster and Poured Concrete:
1 ct. Loxon Concrete & Masonry Primer
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Drywall:
1 ct. ProMar 200 Zero VOC Latex Primer
1-2 cts. Pro Industrial Urethane Alkyd Enamel

Wood Floors (Foot Traffic):
1-2 cts. Pro Industrial Urethane Alkyd Enamel

System Tested:
1 ct. Kem Bond HS Primer
1 ct. Pro Industrial Urethane Alkyd Enamel

Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Abrasion	ASTM D4060, C517 wheel, 1000 cycles,1 kg load	175 mg loss
Adhesion	ASTM D4541	392 psi
Direct Impact Resistance	ASTM D2794	60 in. lbs.
Dry Heat Resistance	ASTM D2485	200°F (discolors)
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Humidity Resistance	ASTM D4548, 500 hours	Rating 10 per ASTM D610 for Rusting; Rating 10 per ASTM D714 for Blistering
Pencil Hardness	ASTM D3363	B
Salt Fog Resistance	ASTM B117, 500 hours	Rating 10 per ASTM D610 for Rusting; Rating 10 per ASTM D714 for Blistering

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	No	No	No	No	Yes	No	No	No	No	No

Pro Industrial™ Waterbased Acrolon™ 100 Urethane (B65-700 Series)

Pro Industrial Waterbased Acrolon 100 Urethane is an advanced technology, waterbased, acrylic urethane. It provides performance properties comparable to premium quality solvent based urethanes. This is a high gloss abrasion resistant urethane that has excellent weathering properties.

- Can be applied directly to waterbased and solvent based organic zinc rich primers
- Suitable for use in USDA inspected facilities
- Acceptable for use in high performance architectural applications

Color: many colors

Recommended Spread Rate per coat:

Wet mils:	4.0 - 8.0
Dry mils:	1.8 - 3.6
Coverage:	200 - 400 sq ft/gal (approximate)

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 55°F	@ 77°F	@ 120°F
To touch:	3 hours	1½ hour	45 minutes
To handle:	12 hours	6 hours	2 hours
To recoat:			
minimum:	16 hours	8 hours	2-4 hours
maximum:		3 months	
To cure:	14 days	10 days	2 days

Mix Ratio: 4:1 by volume

Pot Life:	2½ hours	2 hours	45 minutes
Sweat-in-Time:	None	None	None

Drying times are temperature, humidity and film thickness dependent. If maximum recoat time is exceeded, abrade surface before recoating.

Finish: 80+ @ 60° High Gloss

Flash Point: 105°F, TCC, catalyzed

Extra White B65W00721/B65V00720

VOC(less exempt solvents)**:** 97 g/L; 0.81 lb/gal, mixed, unreduced

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 45% ± 2%

Weight per Gallon: 9.54 lb

Temperature: 55°F minimum, 120°F maximum
air, surface, and material
at least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water, as needed up to 15% by volume

Airless Spray

Unit	30:1 pump
Pressure	2700-3000 psi
Hose	1/4" ID
Tip	.013" - .015"
Filter	60 mesh
Reduction	as needed up to 15% by volume

Brush.....Nylon/Polyester

Roller.....3/8" woven

Brush & Roll applications require reduction of 5 - 15% minimum with water.

Steel:
1 ct. Pro Industrial Pro-Cryl Universal Primer
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Steel:
1 ct. Zinc Clad IV Primer
1 ct. Macropoxy 646-100
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Steel:
1 ct. Zinc-Clad IV Primer
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Galvanizing and Aluminum:
1 ct. DTM Wash Primer
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Concrete (High Performance):
1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Concrete/Masonry:
1 ct. Loxon Concrete Masonry Primer
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

Pre-Finished Siding: (Baked-on-finishes)
1 ct. Bond-Plex Waterbased Acrylic Coating
1-2 cts. Pro Industrial Waterbased Acrolon100 Urethane

The systems listed above are representative of the product's use, other systems may be appropriate.

System Tested:
1 ct. Water Based Tile-Clad Primer @ 4.0 mils dft
1 ct. Pro Industrial Waterbased Acrolon 100 Urethane @ 3.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Accelerated Weathering - QUV	ASTM D4587, QUV-A, 2000 hours	Pass
Adhesion	ASTM D4541	1,080 psi
Corrosion Weathering	ASTM D5894, 10 cycles, 3360 hours	Rating 10 per ASTM D610 for rusting, no more than 1/8" rust creepage at scribe
Direct Impact Resistance	ASTM D2794	>160 in lb
Dry Heat Resistance	ASTM D2485	200°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Pencil Hardness	ASTM D3363	3H
Salt Fog Resistance*	ASTM B117, 4,000 hours	Rating 9 per ASTM D610 for rusting
Scrub Resistance	ASTM D2486, 5000+ cycles	No visible wear

*Zinc Clad IV, 2 cts. Pro Industrial Waterbased Acrolon 100 Urethane

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	No	Yes

Pro Industrial™ Waterbased Alkyd Urethane Enamel (B53 Series)

Pro Industrial Waterbased Alkyd Urethane Enamel is a premium quality interior/exterior enamel formulated with a urethane modified alkyd resin system for high performance. It provides beauty and durability when applied to interior/exterior surfaces such as properly prepared drywall, wood, masonry and metal. It brings together the convenience and ease of use of a waterborne coating with the performance and coating characteristics of a traditional oil-based enamel.

- Excellent washability
- Excellent flow and leveling
- Excellent touch-up
- Easy application & cleanup
- Resistant to yellowing compared to traditional alkyds
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat:

Wet mils: 4.0 - 5.0
Dry mils: 1.4 - 1.7
Coverage: 320 - 400 sq ft/gal, approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 4.0 mils wet @ 77°F @ 50% RH:

To touch: 1-2 hrs
To recoat: 4 hrs

Drying times are temperature, humidity and film thickness dependent.

Finish: 75+ @ 60° Gloss
55-70 @ 60° Semi-Gloss
15-25 @ 60° Low Sheen

Flash Point: N/A

Extra White B53W01051

VOC (less exempt solvents)**:** <50 g/L: <0.42 lb/gal
may vary by color and base

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 34% ± 2%

Weight per Gallon: 10.28 lb

Temperature: 50°F minimum, 100°F maximum
(air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water

Airless Spray

Pressure .....2000 psi minimum
Hose .....1/4" ID
Tip.....013" - .017"
Filter.....60 mesh
Reduction .....Not recommended

Brush .....Nylon/polyester
Reduction .....Not recommended

Roller Cover .....1/4 - 1/2" woven cover
Reduction .....Not recommended

Steel:
1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Aluminum:
1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Galvanizing:
1 ct. Pro Industrial Pro-Cryl Universal Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Concrete/Masonry:
1 ct. Loxon Concrete & Masonry Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Drywall:
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Wood, Exterior:
1 ct. Exterior Latex Wood Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

Wood, Interior:
1 ct. Premium Wall & Wood Primer
2 cts. Pro Industrial Waterbased Alkyd Urethane Enamel

The systems listed above are representative on the product's use, other systems may be appropriate.

System Tested:

1 ct. Pro Industrial Waterbased Alkyd Urethane Enamel @ 4.0 mils wft

Substrate: Cold Rolled Steel

Test Name	Test Method	Results
Block Resistance	Lab Assessment	Excellent
Dry Heat Resistance	ASTM D2485	200°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Excellent, no cracking
Oil Resistance Lanolin	Lab Assessment	Excellent
Pencil Hardness	ASTM D3363	5H
Resistance to Yellowing	Lab Assessment	Excellent

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes

Pro Industrial™ Waterborne Acrylic Dryfall (B42 Series)

Pro Industrial Waterborne Acrylic Dryfall is designed for professional airless spray application to interior ceilings and wall areas that are not subject to wear. With proper height/clearance, overspray is dry before it settles on floors, machinery or equipment. The dry overspray can then be easily removed by sweeping or by vacuum. The bright, full-hiding, white can help increase an area's lighting efficiency,

Color:	Flat, Eg-Shel & Semi-Gloss White Flat Black and Ultradeep Base		
Recommended Spread Rate per coat :			
wet mils:	6.0 – 9.0		
dry mils:	varies by finish		
coverage:	varies by finish		
Drying Schedule @ 7.0 mils wet 50% RH:			
	@ 55°F	**@ 77°F**	**@ 110°F**
To touch:	45 minutes	30 minutes	20 minutes
To handle:	1 hour	45 minutes	30 minutes
To recoat:	2 hours	1 hour	1 hour
To cure:	2 days	4 hours	3 hours
Dry fallout:	10-20 feet	10 feet	10 feet
Drying times are temperature, humidity and film thickness dependent.			
Flash Point:	N/A	N/A	N/A
Finish:	Flat	Eg-Shel	Semi-Gloss
	0 - 10 @85°	10 - 20 @85°	35 - 45 @60°
	Extra White B42W00181	**Extra White B42W00082**	**Extra White B42W00083**
VOC (less exempt solvents)**:**	< 50 g/L <0.42 lb/gal	< 50 g/L <0.42 lb/gal	< 50 g/L <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s. 12			
Volume Solids (± 2%):	25%	33%	40%
Weight per Gallon (± 2%):	11.30 lb/gal	11.73 lb/gal	10.61 lb/gal.

Temperature:	50°F minimum, 110°F maximum (Air, surface, and material) At least 5°F above dew point
Relative humidity:	75% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up.....Water

Airless Spray

Pressure .....2000 psi
Hose .....1/4" ID
Tip.....013" - .017"
Filter.....60 mesh
Reduction .....Not recommended

Steel, alkyd primer:
1 ct. Kem Bond HS
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Steel & Rusted Galvanized, acrylic primer:
1 ct. Pro Industrial Pro-Cryl Universal Primer
or Pro Industrial DTM Acrylic Primer/Finish
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Aluminum & Galvanized:
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Poured Concrete Walls, Interior:
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Plaster and Wood, Interior:
1 ct. Premium Wall & Wood Primer
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Drywall:
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall

Previously Painted:
1-2 cts. Pro Industrial Waterborne Acrylic Dryfall
Other primers and systems may be appropriate.

FEATURES:
- Overspray cleans up easily
- Interior use
- Bright White color for better light reflectance
- Light Reflectance White 88% average
- Flash Rust Resistant

FOR USE ON PROPERLY PREPARED:
- Structural Steel
- Galvanized Metal
- Concrete/Masonry
- Drywall/Plaster
- Wood

RECOMMENDED FOR USE IN:
- Warehouses
- Industrial, commercial and institutional buildings
- Textile mills
- Manufacturing facilities
- Gymnasiums
- Parking garage ceilings not exposed to direct weathering
- Suitable for use in USDA inspected facilities

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes -White	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Pro Industrial™ Water Based Catalyzed Epoxy (B73-360 & 300 Series)

Pro Industrial Water Based Catalyzed Epoxy is an interior/exterior two component, polyamine epoxy topcoat. Designed for use in industrial and commercial applications. It provides excellent corrosion resistance, abrasion resistance, color durability, chemical resistance, early moisture resistance and good adhesion to concrete, metal, or primed substrates. Suitable for use in USDA inspected facilities.

Eg-Shel.....B73-360 Series
Gloss .....B73-300 Series
Hardener.....B73V00300

Color: most colors
Recommended Spread Rate per coat:
Wet mils: 5.0 - 12.0
Dry mils: 2.0 - 5.0
Coverage: 130 - 320 sq ft/gal approximate
Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 7.0 mils wet @ 50% RH:

	50°F	77°F	100°F
To touch:	1 hrs	45 min	25 min
To handle:	5 hrs	4 hrs	2 hrs
To recoat:			
minimum:	8 hours	6 hours	3 hours
maximum:	30 days	30 days	30 days
To cure:	7 days	7 days	7 days
Pot Life:	8 hrs	5½ hrs	3½ hrs

Drying times are temperature, humidity and film thickness dependent.
Sweat-in-time: None required
Mix Ratio: 4:1
If maximum recoat time is exceeded, abrade surface before recoating.
Finish: Eg-Shel 15-25 units @ 85°
Gloss 90+ units @ 60°
Flash Point: >200°F, SETA Flash, mixed **Extra White B73W311/B73V300**
VOC: <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 41 ± 2% (mixed)
Weight per Gallon: 9.97 lb (mixed)

Temperature: 50°F minimum, 100°F maximum (Air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Reducer.....Water
Airless Spray
Pressure .....2000 psi
Hose .....1/4" ID
Tip.....015" - .017"
Filter.....60 mesh
Reduction as needed up to 10% by volume
Brush.....Nylon/Polyester
Reduction .....Not recommended
Roller.....3/8" woven
Reduction .....Not recommended
Do not apply the material beyond recommended pot life.
Do not mix previously catalyzed material with new.

Steel & Galvanized Steel:
1 ct. Pro Industrial Pro-Cryl Universal Primer
1-2 cts. Pro Industrial Water Based Catalyzed Epoxy
(For high performance aesthetics exterior:)
1 ct. Pro Industrial Pro-Cryl Primer
1 ct. Pro Industrial Water Based Epoxy
1-2 cts. Pro Industrial Water Base Acrolon 100
Drywall Interior:
1ct ProMar 200 Zero VOC Latex Primer
1-2 cts. Pro Industrial Water Based Catalyzed Epoxy
Concrete, smooth:
1-2 cts. Pro Industrial Water Based Catalyzed Epoxy
Concrete/Masonry:
1ct. *Filler/Surfacer as required to fill voids and provide a continuous surface.
1-2 cts. Pro Industrial Water Based Catalyzed Epoxy

*Suitable surfacers are:
Loxon Acrylic Block Surfacer
Pro Industrial Heavy Duty Block Filler
Kem Cati-Coat HS Epoxy Filler
Cement-Plex 875

System Tested:
2 cts. Pro Industrial Water Based Catalyzed Epoxy, Gloss @ 2.0 - 4.0 mils dft/ct
Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Abrasion Resistance:	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	150 mg loss
Adhesion:	ASTM D4541	550 psi
Corrosion Weathering:	ASTM D5894, 15 cycles, 5040 hours	Pass
Dry Heat Resistance:	ASTM D2485	250°F
Flexibility:	ASTM D522, 180° bend, 1/8" mandrel	Pass
Impact Resistance, Direct:	ASTM D2794	100 in. lb.
Impact Resistance, Indirect:	ASTM D2794	80 in. lb.
Moisture Condensation Resistance:	ASTM D4585, 100°F, 5000 hours	Pass
Pencil Hardness:	ASTM D3363	H
Salt Fog Resistance:	ASTM B117, 2000 hours	Pass
WVP Perms (US)	grains/(hr ft² in Hg)	Gloss 2.0 Eg-Shel 5.0

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

ProClassic® Interior Alkyd

ProClassic Interior Alkyd Satin and Semi-Gloss Enamels

Satin ..... B33 Series
Semi-Gloss ..... B34 Series

- Our finest quality alkyd enamels
- Excellent flow and leveling characteristics
- Smooth and durable finishes

Project Uses:
- All Trim Areas/Moldings
- Cabinets/Doors/Windows
- Kitchens/Baths/Locker Rooms
- Laundry Rooms
- High Traffic Areas

Substrates:
- Drywall/Cured Plaster
- Paneling/Wood
- Metal
- Cured Concrete/Masonry
- Wallcovering

Temperature: Apply at temperatures above 50°F.
No reduction necessary

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

Brush ..... Natural bristle
Roller ..... 1/4" - 3/4" nap synthetic or lambswool cover
Airless Spray
Pressure ..... 2000 psi
Tip ..... .015" - .021"

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. ProClassic Interior Alkyd Enamel

Drywall
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Alkyd Enamel

Plaster
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Alkyd Enamel

Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProClassic Interior Alkyd Enamel

Wood, Composition Board
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Alkyd Enamel

Other primers may be appropriate.
When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Satin**	**Semi-Gloss**
Color:	many colors	many colors
Recommended Spread Rate per coat:		
Wet mils:	4.0	4.0
Dry mils:	1.7	1.6
Coverage:	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Drying Schedule @ 4 mils wet @ 77°F @ 50% RH:		
Drying times are temperature, humidity and film thickness dependent.		
To touch:	4 - 6 hours	4 - 6 hours
To recoat:	24 hours	24 hours
Finish @ 60°:	20 - 30 units (30 days)	30 - 40 units (30 days)
Flash Point:	122°F, TCC	121°F, TCC
	Extra White B33W00221	**Extra White B34W00051**
VOC (less exempt solvents)**:**	438 g/L; 3.65 lb/gal	458 g/L; 3.82 lb/gal
VOC may vary by base & sheen		
Volume Solids:	44 ± 2%	41 ± 2%
Weight per Gallon:	10.15 lb	9.45 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Satin	No	No	No	No	No	No	No	No	No	No	No
Semi-Gloss	No	No	No	No	No	No	No	No	No	No	No

ProClassic® Interior Waterbased Acrylic-Alkyd

ProClassic Interior Waterbased Acrylic-Alkyd Enamels

Satin .....B33-850 Series
Semi-Gloss .....B34-850 Series

- Our finest quality performance product
- Excellent flow and leveling characteristics
- Smooth and durable finishes

Project Uses:

- All Trim Areas/Moldings
- Cabinets/Doors/Windows
- Kitchens/Baths/Locker Rooms
- Laundry Rooms
- High Traffic Areas

Substrates:

- Drywall/Plaster
- Paneling/Wood
- Metal
- Concrete/Masonry

Temperature: Apply at temperatures above 50°F.
No reduction necessary

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Brush .....Nylon/Polyester
Roller .....1/4" - 3/4" nap Soft Woven cover
Airless Spray
Pressure .....2000 psi
Tip (fine finish) .....010" - .014"

(A fine finish tip is the preferred method of spray application due to the characteristics of this product. You can spray with tips from .013" to .017"; however, you should test the application on the particular item being painted.)

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. ProClassic Interior Waterbased Acrylic-Alkyd Enamel

Drywall
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Waterbased Acrylic-Alkyd Enamel

Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProClassic Interior Waterbased Acrylic-Alkyd Enamel

Plaster
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Waterbased Acrylic-Alkyd Enamel

Wood, Composition Board
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Interior Waterbased Acrylic-Alkyd Enamel

Other primers may be appropriate.
When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Satin**	**Semi-Gloss**
Color:	most colors	most colors
Recommended Spread Rate per coat:	350 - 400 sq ft/gal	350 - 400 sq ft/gal
mils wet	4.0	4.0
mils dry	1.6	1.6
Drying Schedule @ 4 mils wet @ 77°F @ 50% RH:		
Drying times are temperature, humidity, and film thickness dependent.		
To tack free:	20 - 40 minutes	20 - 40 minutes
To touch:	1 - 2 hours	1 - 2 hours
To recoat:	3 - 4 hours	3 - 4 hours
Finish (30 days)**:**	20 - 30 units @ 60°	34 - 44 units @ 60°
Flash Point PMCC:	N/A	N/A
	Extra White B33W00851	**Extra White B34W00851**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	38 ± 2%	39 ± 2%
Weight/Gallon:	10.82 lb	10.93 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Satin	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes

ProClassic® Waterborne Interior Acrylic Enamels

ProClassic Waterborne Interior Acrylic Enamels
Satin ..... B20-1100 Series
Semi-Gloss ..... B31-1100 Series
Gloss ..... B21-2100 Series
High Gloss ..... B21-300 Series

- Durable, non-yellowing finishes
- Equal to alkyd enamels for flow and leveling characteristics
- A smooth, rich finish

Project Uses
- Trim areas and molding
- Cabinets/Doors/Windows
- Kitchen's/Baths/Locker rooms
- Laundry rooms
- High traffic areas

Substrates
- Drywall/Plaster
- Paneling & Wood
- Metal
- Concrete & Masonry
- Wallcovering

Temperature: Apply at temperatures above 50°F. No reduction necessary.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Brush ..... Nylon/Polyester
Roller ..... 1/4" - 3/4" nap synthetic roller cover
Airless Spray
Pressure ..... 2000 psi
Tip ..... .011" - .021"
Fine Finishing Tip ..... .011

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

Drywall
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

Plaster
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

Metal - Steel, Aluminum, Galvanized
1 ct. All Surface Enamel Latex Primer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

Wood, Composition Board
1 ct. Premium Wall & Wood Primer
2 cts. ProClassic Waterborne Interior Acrylic Enamel

It is very important that a high quality primer be used under ProClassic High Gloss Enamel to provide a surface which will give excellent holdout allowing the ProClassic to develop its high gloss finish.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Satin**	**Semi-Gloss**	**Gloss**	**High Gloss**
Color:	most colors	most colors	many colors	many colors
Recommended Spread Rate per coat:	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
mils wet	4.0	4.0	4.0	4.0
mils dry:	1.2	1.3	1.5	1.5
Drying Schedule @ 77°F @ 50% RH	Drying times are temperature, humidity and film thickness dependent.			
To touch:	1 hour	1 hour	1 hour	1 hour
To recoat:	4 hours	4 hours	4 hours	4 hours
Finish units:	10 - 20 @ 60°	35 - 45 @ 60°	70+ @ 60°	80 units @ 60°
Flash Point PMCC:	N/A	N/A	N/A	N/A
	Extra White B20W01151	**Extra White B31W01151**	**Extra White B21W02151**	**Extra White B21W00351**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	116 g/L; 0.97 lb/ gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	31 ± 2%	33 ± 2%	37 ± 2%	37 ± 2%
Weight/Gallon:	10.52 lb	10.23 lb	10.03 lb	9.90 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Satin	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
High Gloss	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No

ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel/Low Gloss Eg-Shel (B20/B41-1900 Series)

ProMar 200 HP Zero VOC Interior Acrylic is a high performance durable, professional quality, interior acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry and primed metal.

Anti-microbial: This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

Temperature: 50°F minimum
air, surface and material
at least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up .....Water
No reduction needed.
Brush .....Nylon/Polyester brush
Roller .....3/8" - 3/4" nap synthetic cover
Spray—Airless
Pressure .....2000 psi
Tip.....017"-.021"

Application Tips
Make sure product is completely agitated (mechanically or manually) before use.
Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.
Using the same method of application and batch to touch up with as that originally used will help improve touch up. When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

Block
1 ct. ConFlex Block Filler*
2 cts. ProMar 200 HP Zero VOC Acrylic

Drywall
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. ProMar 200 HP Zero VOC Acrylic

Masonry
1 ct. Loxon Concrete & Masonry Primer*
2 cts. ProMar 200 HP Zero VOC Acrylic

Plaster
1 ct. Premium Wall & Wood Primer*
2 cts. ProMar 200 HP Zero VOC Acrylic

Wood
1 ct. Premium Wall & Wood Primer*
2 cts. ProMar 200 HP Zero VOC Acrylic

* These primers contain <50 g/L VOC.

Other primers may be appropriate.
When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Eg-Shel**	**Low Gloss Eg-Shel**
Color:	most colors	most colors
Recommended Spread Rate per coat		
Wet mils:	4.0	4.0
Dry mils:	1.7	1.7
Coverage:	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Drying Schedule @ 77°F @ 4 mils wet 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
To touch:	1 hour	1 hour
To recoat:	4 hours	4 hours
Finish:	5+ @ 60° 20-25 @ 85°	5-7 @ 60°
Flash Point:	N/A	N/A
	Extra White B20W01951	**Extra White B41W01951**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	42 ± 2%	42 ± 2%
Weight per Gallon:	10.73 lb	10.85 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Gloss Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

ProMar® 200 Interior Alkyd Coatings

ProMar 200 Interior Alkyd Finishes are quality alkyd products. These products are recommended for interior application on primed plaster, wallboard, wood, masonry and primed metal.

Eg-Shel ..... B33-200 Series
Semi-Gloss ..... B34-200 Series
Gloss ..... B35-200 Series

Temperature: 50°F minimum
(air, surface and material)
At least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

No reduction necessary.

Brush ..... Natural bristle
Roller ..... 1/4"-3/4" nap synthetic or lambswool cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .015"-.021"

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. ProMar 200 Interior Alkyd Finish
Drywall
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. ProMar 200 Interior Alkyd Finish
Plaster
1 ct. Premium Wall and Wood Primer
2 cts. ProMar 200 Interior Alkyd Finish
Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProMar 200 Interior Alkyd Finish
Wood
1 ct. Premium Wall and Wood Primer
2 cts. ProMar 200 Interior Alkyd Finish

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Eg-Shel**	**Semi-Gloss**	**Gloss**
Color:	most colors	most colors	most colors
Recommended Spread Rate per coat:			
Wet mils:	4.0	4.0	4.0
Dry mils:	1.7	1.7	1.5
Coverage:	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Drying Schedule @ 77°F @ 50% RH @ 4 mils wet:			
To touch:	2-4 hours	2-4 hours	2-4 hours
To recoat:	24 hours	24 hours	24 hours
Drying times are temperature, humidity and film thickness dependent.			
Finish:			
@ 24 hours:	25 - 35 @ 60°	45 - 55 @ 60°	80 - 90 @ 60°
@ 30 days:	20 - 30 @ 60°	30 - 40 @ 60°	70 - 80 @ 60°
Flash Point (TCC):	109°F	117°F	117°F
	Extra White B33W00251	**Extra White B34W00251**	**Extra White B35W00251**
VOC (less exempt solvents)**:**	435 g/L; 3.63 lb/gal	443 g/L; 3.70 lb/gal	480 g/L; 4.01 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	44 ± 2%	43 ± 2%	38 ± 2%
Weight per Gallon:	10.26 lb	9.85 lb	9.00 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	No	No	No	No	No	No	No	No	No	No	No
Semi-Gloss	No	No	No	No	No	No	Yes	No	No	No	No
Gloss	No	No	No	No	No	No	Yes	No	No	No	No

ProMar® 200 Interior Waterbased Acrylic-Alkyd Coatings

ProMar 200 Interior Waterbased Acrylic-Alkyds are quality acrylic-alkyd products designed for the professional. These products are recommended for interior application on primed plaster, wallboard, wood, masonry and primed metal.

Eg-Shel ..... B33-8200 Series
Semi-Gloss ..... B34-8200 Series
Gloss ..... B35-8200 Series

Temperature: 50°F minimum
(air, surface, and material)
At least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up ..... Water
Brush ..... Nylon/Polyester
Roller ..... 1/4" - 3/4" nap Soft Woven cover
Airless Spray
Pressure ..... 2000 psi
Tip (fine finish) ..... .010"-.014"*

*A fine finish tip is the preferred method of spray application due to the characteristics of this product. You can spray with tips from .013" to .017"; however, you should test the application on the particular item being painted.

Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. ProMar 200 Interior Waterbased Acrylic-Alkyd Enamel
Drywall
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. ProMar 200 Interior Waterbased Acrylic-Alkyd Enamel
Masonry
1 ct. Loxon Concrete & Masonry Primer
2 cts. ProMar 200 Interior Waterbased Acrylic-Alkyd Enamel
Plaster
1 ct. Premium Wall & Wood Primer
2 cts. ProMar 200 Interior Waterbased Acrylic-Alkyd Enamel
Wood
1 ct. Premium Wall & Wood Primer
2 cts. ProMar 200 Interior Waterbased Acrylic-Alkyd Enamel

Other primers may be appropriate.

When painting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Finish:	**Eg-Shel**	**Semi-Gloss**	**Gloss**
Color:	most colors	most colors	most colors
Recommended Spread Rate per coat:			
Wet mils:	4.0	4.0	4.0
Dry mils:	1.4	1.4	1.4
Coverage:	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Drying Schedule @ 77°F @ 50% RH @ 4 mils wet.			
To tack free:	15-30 minutes	15-30 minutes	30-40 minutes
To touch:	1-2 hours	1-2 hours	1-2 hours
To recoat:	3-4 hours	3-4 hours	3-4 hours
Drying times are temperature, humidity, and film thickness dependent			
Finish:			
@ 24 hours:	25 - 35 @ 85°	45 - 55 @ 60°	75 - 85 @ 60°
@ 30 days:	20 - 30 @ 85°	40 - 50 @ 60°	70 - 80 @ 60°
Flash Point :	N/A	N/A	N/A
	Extra White B33W08251	**Extra White B34W08251**	**Extra White B35W08251**
VOC (less exempt solvents)**:**	71 g/L; 0.59 lb/gal	70 g/L; 0.59 lb/gal	74 g/L; 0.61 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	36 ± 2%	36 ± 2%	34 ± 2%
Weight per Gallon:	10.31 lb	10.48 lb	10.01 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Eg-Shel	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes
Gloss	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes

ProMar® 200 Zero VOC Interior Latex Coatings

ProMar 200 Zero VOC Interior Latex is a family of durable, professional quality, interior vinyl acrylic finishes for use on walls and ceilings of primed plaster, wallboard, wood, masonry and primed metal.
Anti-microbial – These products contains agents which inhibit the growth of mold and mildew on the surface of the paint film.

Block
1 ct. PreRite Block Filler*
2 cts. ProMar 200 Zero VOC Interior Latex
Drywall
1 ct. ProMar 200 Zero VOC Interior Latex Primer
2 cts. ProMar 200 Zero VOC Interior Latex
Masonry
1 ct. Loxon Concrete & Masonry Primer*
2 cts. ProMar 200 Zero VOC Interior Latex
Plaster
1 ct. Premium Wall and Wood Primer*
2 cts. ProMar 200 Zero VOC Interior Latex
Wood
1 ct. Premium Wall and Wood Primer*
2 cts. ProMar 200 Zero VOC Interior Latex

* These primers contain <50 g/L VOCs
Other Primers may be appropriate. When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Temperature: 50°F minimum
air, surface, and material
at least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up .....Water
No reduction needed.
Brush .....Nylon/Polyester brush
Roller .....3/8" - 3/4" nap synthetic cover
Spray—Airless
Pressure .....2000 psi
Tip.....017"-.021"

Finish	**Flat**	**Low Sheen Eg-Shel**
	B30 Series	**B24 Series**
Color:	Most colors	Most colors
Coverage (sq ft/gal)**:**	350 - 400	350 - 400
Mils wet / Mils dry	4.0 / 1.4	4.0 / 1.8
Drying Schedule, @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	1.5 - 3.5 @ 85°	25 - 30 @ 85°
Flash Point:	N/A	N/A
	Extra White B30W12651	**Extra White B24W02651**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	35 ± 2%	44 ± 2%
Weight per Gallon:	11.45 lb	11.69 lb

Finish	**Low Gloss Eg-Shel**	**Eg-Shel**
	B41 Series	**B20 Series**
Color:	Most colors	Most colors
Coverage (sq ft/gal)**:**	350 - 400	350 - 400
Mils wet / Mils dry	4.0 / 1.6	4.0 / 1.7
Drying Schedule, @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	<5 @ 60°	15 - 20 @ 85°
Flash Point:	N/A	N/A
	Extra White B41W02651	**Extra White B20W12651**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	41 ± 2%	42 ± 2%
Weight per Gallon:	11.22 lb	10.82 lb

Finish	**Semi-Gloss**	**Gloss**
	B31 Series	**B21 Series**
Color:	Most color	Most colors
Coverage (sq ft/gal)**:**	350 - 400	350 - 400
Mils wet / Mils dry	4.0 / 1.5	4.0 / 1.4
Drying Schedule, @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	25 - 35 @ 60°	60 - 70 @ 60°
Flash Point:	N/A	N/A
	Extra White B31W02651	**Extra White B21W12651**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	38 ± 2%	36 ± 2%
Weight per Gallon:	10.30 lb	9.65 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Sheen Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Gloss Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

ProMar® 400 Zero VOC Interior Latex Coatings

ProMar 400 Zero VOC Interior Latex is a durable, professional quality, interior vinyl acrylic finish for use on walls, and trim of primed plaster, wallboard, wood, masonry and primed metal.

Block
1 ct. PreRite Block Filler*
2 cts. ProMar 400 Zero VOC Interior Latex
Drywall
1 ct. ProMar 400 Zero VOC Primer
2 cts. ProMar 400 Zero VOC Interior Latex
Plaster
1 ct. Premium Wall & Wood Primer*
2 cts. ProMar 400 Zero VOC Interior Latex
Masonry
1 ct. Loxon Concrete & Masonry Primer*
2 cts. ProMar 400 Zero VOC Interior Latex
Wood
1 ct. Premium Wall & Wood Primer*
2 cts. ProMar 400 Zero VOC Interior Latex

* These primers contain <50 g/L VOCs
Other Primers may be appropriate. When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

Temperature: 50°F minimum
(air, surface, and material)
At least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up Water
Brush ..... Nylon/Polyester brush
Roller ..... 3/8" - 3/4" nap synthetic cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .017"-.021"

Finish	**Flat**	**Eg-Shel**
	B30 Series	**B20 Series**
Color:	Most colors	Most colors
Coverage (sq ft/gal**):**	350 - 400	350 - 400
mils wet / mils dry	4.0 / 1.2	4.0 / 1.3
Drying Schedule @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	0 - 5 @ 85°	15 - 20 @ 85°
Flash Point:	N/A	N/A
	Extra White B30W04651	**Extra White B20W04651**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	29 ± 2%	34 ± 2%
Weight per Gallon:	11.25 lb	10.53 lb

Finish	**Low Sheen**	**Semi-Gloss**
	B24 Series	**B31 Series**
Color:	Most colors	Most colors
Coverage (sq ft/gal)**:**	350 - 400	350 - 400
mils wet / mils dry	4.0 / 1.5	4.0 / 1.4
Drying Schedule @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	low sheen	25 - 35 @ 60°
Flash Point:	N/A	N/A
	Extra White B24W04651	**Extra White B31W04651**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	38 ± 2%	35 ± 2%
Weight per Gallon:	10.92 lb	9.91 lb

Finish	**Gloss**	**Primer**
	B21 Series	**B28 Series**
Color:	Most colors	Most colors
Coverage (sq ft/gal)**:**	350 - 400	350 - 400
Mils wet / Mils dry	4.0 / 1.4	4.0 / 1.1
Drying Schedule @ 77°F @ 50% RH		
Drying times are temperature, humidity and film thickness dependent.		
Touch:	1 hour	1 hour
Recoat:	4 hours	4 hours
Finish:	60+ @ 60°	0 - 5 @ 85°
Flash Point:	N/A	N/A
	Extra White B21W04651	**White B28W04600**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	35 ± 2%	29 ± 2%
Weight per Gallon:	9.65 lb	10.39 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Low Sheen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Primer	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes

Pro-Park® Waterborne Traffic Marking Paint (B97 Series)

Pro-Park Waterborne Traffic Marking Paint is a premium quality waterborne acrylic alkyd traffic marking paint. It has excellent chemical and dirt pickup resistance. Pro-Park delivers the performance expected by the most discerning contractor, property manager or national retail chain.

Color: White, Yellow, Blue, Black, Red
Recommended Spread Rate per coat:
Approximately 330 lineal feet of standard 4" stripe per gallon
Wet mils: 15.0
Dry mils: 9.3
Coverage: 108 sq ft/gal approximate
Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, method of application, surface irregularities, over-thinning, climatic conditions, and excessive film build.
Drying Schedule @ 15.0 mils wet, @ 77°F @ 50% RH:
Dry no pick up: 30 minutes
Dry to recoat: 60 minutes
Open to heavy traffic 120 minutes
Drying time is temperature, humidity and film thickness dependent.
Finish: Flat

White B97WD2434 **(may vary by color)**
VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 62% ± 2%, (White)
Weight per Gallon: 13.69 lb
Flash Point: 150°F, PMCC

Temperature: 40°F minimum, 110°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer ..... Water
As needed up to 25% by volume
Airless Spray Line Striper
Pressure ..... 1800 -2700 psi
Hose ..... 1/4" - 3/8" ID
Tip ..... .015" - .017"
Filter ..... 60 mesh
Conventional Spray Line Striper
Gun ..... Binks 21 (Bleeder)
Fluid Nozzle ..... #68
Air Nozzle ..... Internal mix, #709
Atomization Pressure .... 45 - 80 psi
Fluid Pressure ..... 40 - 70 psi

NOTE: Fluid and atomization pressures are dependent on environmental conditions. Use the lowest pressures necessary to achieve a "flat line".
Brush ..... Natural bristle
Roller ..... 3/8" woven with solvent resistant core
If specific application equipment is listed above, equivalent equipment may be substituted.

Cured Asphalt, Concrete, and Brick:
1 ct. Pro Industrial Pro Park Waterborne Traffic Marking Paint @ 330 lineal feet of standard 4" stripe per gallon

Test Name	Test Method	Results
Abrasion Resistance (falling sand):	ASTM D968	150 liters
Bleed Resistance:	ASTM D969	>0.95 over seal coat
Color (yellow):	Fed. Std. 595 #33538	Pass
Dry-No-Pickup:	ASTM D711	<30 minutes @ 77°F
Dry Opacity (Contrast Ratio):	Fed. Met. 141C @ 5 mills wet	0.95 (white)
Flexibility:	ASTM D522, 1/2" mandrel	Pass
Reflectance (white):	ASTM-E97	85% minimum
Scrub Resistance:	ASTM D2486	500 cycles minimum

The coating may be made into reflective paint by dropping on glass beads while the paint is still wet.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	Yes

Rejuvenate™ Siding Restoration (C18 Series)

Rejuvenate Siding Restoration is an exterior paint & primer in one coating designed to improve adhesion and to create a smoother finish look. Features Smooth Fill Technology™. Designed to fill and flow, allowing the topcoat to have a smoother more uniform finish.

Dependable Bonding: Formulated to bond tightly, making it ideal for application to marginally prepared, alligatored or peeling siding and trim.

Smoother Finish: Compared to applying a traditional paint and primer over less-than-perfect surfaces, Rejuvenate's filling characteristics result in a more even finished appearance.

- Fast dry
- Use on smooth or textured surfaces
- Stays flexible
- It may be applied to a surface with a pH of 6 to 13

Color: Most colors

Recommended Spread Rate per coat:

Wet mils: 14.0 - 18.0
Dry mils: 6.5 - 8.5
Coverage: 90-120 sq ft/gal

1 coat system, spray applied, coverage per coat:

Wet mils: 28.0 - 36.0
Dry mils: 13.0 - 17.0
Coverage: 45-60 sq ft/gal

Can be applied up to 40 mils wet.

Drying Schedule @ 77°F @ 50% RH:

To touch: 4 hours
To recoat: 24 hours*

* See application tips for wet on wet application. Drying times are temperature, humidity and film thickness dependent.

Finish: Low Sheen
Flash Point: N/A
Extra White C18W00051
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 47% ± 2%,
Weight per Gallon: 11.58 lb/gal

Temperature: 50°F minimum, 100°F maximum
(air, surface, and material)
At least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions. Do not reduce.

Clean Up: ..... Water
Brush ..... Nylon/Polyester
Avoid over brushing which causes air bubbles.
Roller ..... 1/2" - 1 1/2" nap synthetic roller cover
Avoid rapid rolling which causes bubbling.
Airless Spray
Pressure ..... 2300 psi
Tip ..... .021"

*** Application Tips:**

Wet on Wet Spray Technique: While still wet; when applying by spray with back brushing or rolling weather/damage areas at 14-18 mils wet, spray only apply an additional 14-18 mils wet to achieve 28-36 mils wet film. If not applied wet on wet, wait 24 hours to recoat.

Aluminum, Galvanized & Steel
1 ct. All Surface Latex Metal Primer
1 ct. Rejuvenate Siding Restoration
CMU, Split-face Block
1 ct. Loxon Acrylic Block Surfacer
1-2 cts. Rejuvenate Siding Restoration
Concrete, Stucco & Brick
1-2 cts. Rejuvenate Siding Restoration
Wood
2 cts. Rejuvenate Siding Restoration
Previously Coated
1 ct. Spot primer with Rejuvenate Siding Restoration
1 ct. Rejuvenate Siding Restoration
Other primers may be appropriate.

Use on Exterior Surfaces:

- Masonry
- Wood, Plywood, T1-11 Siding
- Previously Painted Surfaces
- Aluminum, Galvanized & Steel

Provides good adhesion over a variety of properly prepared miscellaneous substrates like aluminum, galvanized metal and PVC.

Physical Properties:

Test Name	Test Method	Results
Alkali Resistance	Based on ASTM D1308	Pass
Flexibility	ASTM D522, Method B	Pass
Mildew Resistance	ASTM D3273/D3274	Pass
***Water Vapor Permeance**	Based on ASTM D1653	16.9 perms
***Wind Driven Rain**	ASTM D6904-03	Pass

* 2 cts. Rejuvenate @ 9.4 mils dft

Mildew Resistant:
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	Yes

Resilience® Exterior Latex Coating

Resilience Exterior Latex Coatings are high quality exterior finishes with MoistureGuard™ Technology for excellent early moisture resistance. This product, which has improved resistance to early dirt pick up, is recommended for use on aluminum and vinyl siding, wood siding, clapboard, shakes, shingles, plywood, masonry and metal down to a surface and air temperature of 35°F.

Flat.....K42 Series
Satin .....K43 Series
Gloss .....K44 Series

Mildew Resistant
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Temperature: 35°F minimum (air, surface, and material), at least 5°F above dew point

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperatures are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 1-1½ hours.
Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up Water
No reduction necessary.
Brush Nylon/Polyester brush
Roller 3/8" - 3/4" nap synthetic cover
Spray—Airless
Pressure .....2000 psi
Tip.....015"-.019"

Aluminum & Aluminum Siding[1]
2 cts. Resilience Exterior Latex Coating
Concrete Block, CMU, Split face Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. Resilience Exterior Latex Coating
Brick
1 ct. Loxon Conditioner[2]
2 cts. Resilience Exterior Latex Coating
Galvanized Steel[1]
2 cts. Resilience Exterior Latex Coating
Stucco, Cement, Concrete
1 ct. Loxon Concrete & Masonry Primer[2]
2 cts. Resilience Exterior Latex Coating
Plywood
1 ct. Exterior Latex Wood Primer
2 cts. Resilience Exterior Latex Coating
Steel[1]
1 ct. All Surface Enamel Primer[2]
2 cts. Resilience Exterior Latex Coating
Vinyl Siding
2 cts. Resilience Exterior Latex Coating
Wood, Composition Board
1 ct. Exterior Oil-Based Wood Primer
2 cts. Resilience Exterior Latex Coating

[1]On large expanses of metal siding, the air, surface and material temperatures must be 50°F or higher.
[2]Not for use at temperatures under 50°F.

Other primers may be appropriate. When painting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Flat	Satin	Gloss
Color:	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Mils wet / Mils dry	4.0 / 1.6	4.0 / 1.6	4.0 / 1.6
Drying Schedule @ 50% RH:			
Temperature:	**35 - 45°F / 45+°F**	**35 - 45°F / 45+°F**	**35 - 45°F / 45+°F**
Touch:	2 hours / 2 hours	2 hours / 2 hours	2 hours / 2 hours
Recoat:	24-48 hours / 4 hours	24-48 hours / 4 hours	24-48 hours / 4 hours
Drying times are temperature, humidity and film thickness dependent.			
Finish: (units)	0-5 @ 85°	10-20 @ 60°	35-45 @ 60°
Flash Point:	N/A	N/A	N/A
	Extra White K42W00051	**Extra White K43W00051**	**Extra White K44W00051**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12			
Volume Solids:	39 ± 2%	39 ± 2%	39 ± 2%
Weight per Gallon:	11.84 lb	10.57 lb	10.10 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

Sher-Clear™ 1K Acrylic Clear Coat (B66C Series)

Sher-Clear is a single component, UV resistant, acrylic clear coat. It provides color and gloss protection over existing and newly applied industrial exterior waterborne coatings and select solvent based coatings.

Flat.....B66C00385
Semi-Gloss.....B66C00380
High Gloss.....B66C00375

- Fast dry
- Apply over multiple coating types
- Brush, roll or spray
- Great gloss retention
- To extend the weathering properties of acrylics and select solvent based coatings
- Suitable for use in USDA inspected facilities

Finish: Flat, Semi-Gloss & High Gloss
Color: Clear
B66C00385 (may vary by sheen)
Recommended Spread Rate per coat:
Wet mils: 3.0 - 6.0
Dry mils: 1.1 - 2.2
Coverage: 262 - 524 sq ft/gal approximate

Drying Schedule @ 3.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	1 hour	45 minutes	5 minutes
To handle:	2 hours	1 hour	15 minutes
To recoat with itself, if required:	4 hours	2 hours	15 minutes
To cure:	21 days	14 days	7 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: N/A

Temperature: 50°F minimum, 120°F maximum (air, surface, and material)
At least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up: .....Water
Airless Spray
Pressure .....1500 psi
Hose .....1/4" ID
Tip.....013" - .015"
Filter.....60 mesh
Reduction .....As needed up to 10% by volume
Brush .....Nylon/polyester
Roller .....1/4" - 3/8" woven solvent resistant core
Reduction .....As needed up to 10% by volume

Apply Sher-Clear Clear Coat @ 1.0 - 2.2 mils dft/ct over the following Sherwin-Williams coatings:

Acrylics
Bond- Plex WB Acrylic
Pro Industrial DTM Acrylic
Metalatex Semi-Gloss
Pro Industrial Acrylic
Sher-Cryl HPA
SprayLastic

Alkyds*
Industrial Enamel
Industrial Enamel HS
Pro Industrial Urethane Alkyd Enamel
Pro Industrial Waterbased Alkyd-Urethane
Steel-Master 9500

*Note: Do not use over white and very light pastel colored alkyds.

The systems listed above are representative of the product's use, other systems may be appropriate.

High Gloss Clear B66C00375
VOC(less exempt solvent) 127 g/L - 1.06 lb/gal
Volume Solids: 36 ± 2%
Weight Solids: 38 ± 2%
Weight per Gallon: 8.56 lb/gal
Density: 8.36-8.76
Sag Test: 4 mils minimum
Viscosity: 60-70 KU

Semi-Gloss Clear B66C00380
VOC(less exempt solvent) 81 g/L - .68 lb/gal
Volume Solids: 36 ± 2%
Weight Solids: 38 ± 2%
Weight per Gallon: 8.62 lb/gal
Density: 8.42-8.82
Sag Test: 4 mils minimum
Viscosity: 65-75 KU

Flat Clear B66C00385
VOC(less exempt solvent) 70 g/L - .58 lb/gal
Volume Solids: 37 ± 2%
Weight Solids: 40 ± 2%
Weight per Gallon: 8.77 lb/gal
Density: 8.57-8.97
Sag Test: 4 mils minimum
Viscosity: 65-75 KU

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
High Gloss	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	NA	No	No

Sher-Cryl™ High Performance Acrylic (B66-350 & 300 Series)

Sher-Cryl HPA is an ambient cured, one component interior/exterior acrylic coating with excellent performance properties.

Semi-Gloss ..... B66-350 Series
Gloss ..... B66-300 Series

- Chemical resistant
- Outstanding humidity resistance
- Flash rust/early rust resistant
- Corrosion resistant
- Fast dry
- Outstanding application characteristics
- Suitable for use in USDA inspected facilities

Finish: Semi-Gloss & Gloss
Color: most colors
B66W00311 (may vary by sheen)
Volume Solids: 37% ± 2%
Weight Solids: 46% ± 2%
VOC(less exempt solvents)**:** 194 g/L; 1.62 lb/gal
Recommended Spread Rate per coat:
Wet mils: 6.0 - 10.0
Dry mils: 2.2 - 3.7
Coverage: 160 - 270 sq ft/gal approximate
Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 7.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@ 120°F
To touch:	1 hour	30 minutes	5 minutes
Tack free:	8 hours	5 hours	15 minutes
To recoat:	8 hours	5 hours	15 minutes
To cure:	30 days	30 days	30 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: N.A.

Temperature: 50°F minimum, 120°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Reducer ..... Water, R8K10 - WB Hot Weather Reducer up to 10%
Clean up ..... Water
Airless Spray
Pressure ..... 1500 psi
Hose ..... 1/4" ID
Tip ..... .017" - .021"
Filter ..... 60 mesh
Reduction ..... Not recommended
Brush ..... Nylon/Polyester
Reduction ..... Not recommended
Roller ..... 3/8" woven with solvent resistant core
Reduction ..... Not recommended

Steel & Rusted Galvanized,acrylic primer:
1ct. Pro Industrial Pro-Cryl Primer
2cts. Sher-Cryl HPA
Steel alkyd or zinc primer:
1ct. Kem Bond HS
Or
1ct. Zinc Clad XI
2cts. Sher-Cryl HPA
Steel:
2cts. Sher-Cryl HPA
Aluminum & Galvanized Metal:
2cts. Sher-Cryl HPA
Concrete Block:
1ct. Pro Industrial Heavy Duty Block Filler
2cts. Sher-Cryl HPA
Poured Concrete Walls, Interior:
1ct. Loxon Concrete and Masonry Primer
2cts. Sher-Cryl HPA
Prefinished Siding (baked-on finishes):
1ct. DTM Bonding Primer
2cts. Sher-Cryl HPA
Previously Painted:
2cts. Sher-Cryl HPA
Wood, Exterior:
1ct. Exterior Oil-Based Wood Primer
2cts. Sher-Cryl HPA
Wood, Interior:
1ct. Premium Wall & Wood Primer
2cts. Sher-Cryl HPA

System Tested: 2 cts. Sher-Cryl HPA Gloss @ 3 mils dft/ct
Substrate: Steel
Surface Preparation: SSPC-SP10

Test Name	Test Method	Results
Adhesion	ASTM D4541	947 psi
Corrosion Weathering (with Pro-Cryl Primer)	ASTM D5894, 7cycles	Rating 8 per ASTM D610 for rusting ; Rating10 per ASTM D714 for blistering
Direct Impact Resistance	ASTM D2794	>176 in. lbs.
Dry Heat Resistance	ASTM D2485	300°F
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Pass
Humidity Resistance (with Pro-Cryl Primer)	ASTM D4585, 2,186 hours	Rating 10 per ASTM D1654 for corrosion; Rating10 per ASTM D714 for blistering
Salt Fog Resistance (with Pro-Cryl Primer)	ASTM B117, 1,250 hours	Rating 9 per ASTM D1654 for corrosion; Rating10 per ASTM D714 for blistering

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Semi-Gloss	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No	No
Gloss	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No

SherStripe™ Artificial Turf Marking Paint (B2-800 Series)

SherStripe Artificial Turf Athletic Field Marking Paint is a complete line of fast-drying, latex emulsion formulas designed specifically for lining and marking interior and exterior artificial turf playing fields.
Use **SherStripe Artificial Turf Athletic Field Marking Paint** on baseball, soccer, football, field hockey and any other artificial turf field where striping, marking or coloring is desired, but where quick removal for alternate marking is required.

Recommended Spread Rate per coat:
approx. 1,000 - 1,200 lineal foot
4" wide line

Drying Schedule @ 77° @ 50% RH:
Touch: 30 minutes
Recoat: 1 hour

Drying times are temperature, humidity, and film thickness dependent.

Flash Point: N/A
Finish: Flat
Bright White B02W00800 **(may vary by base)**
VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 26 ± 2%
Weight per Gallon: 9.67 lb

This product is designed to be applied by a wide variety of line marking spray machines, but may also be applied by brush and roller to limited areas. Product is supplied in a heavy-bodied formula.

Ensure that SherStripe is stirred to a smooth consistency before filling line marking machines.

Line Striper:
See manufacturer's specifications for proper settings.

Reduction:
This product can be applied at package consistency or reduce as needed up to 4 parts paint to 1 part clean water. Mix thoroughly by boxing paint and water between containers or by slow speed power mixer, being careful not to generate excess foam.

Artificial Turf Athletic Fields
1-2 cts. SherStripe Artificial Turf Field Marking Paint

Recommended Coverage:
Coverage depends on method of application, type of field, and width of lines desired. When applied according to recommended line marking machine methods, a gallon of properly thinned paint will mark approximately 1,000 - 1,200 lineal foot 4" line.

Actual spread rates may vary based on the following:
- Surface profile
- Poor surface conditions
- Roughness and porosity of surface
- Method of application
- Amount of reduction
- Environmental conditions
- Amount of film build

Color (bulk package):
Bright White B02W00800
UltraDeep Base B02T00854
Yellow B02Y00856
Red B02R00855

To remove SherStripe™ Artificial Turf Athletic Field Marking Paint, use Simple Green® at full strength and a stiff bristle brush. Removal can begin right away but if the Simple Green® is allowed to sit, removal is easier. If the coating has dried very hard, such as by baking under a hot sun for a period of time, an athletic field marking paint remover will provide a more aggressive cleaning power. The cleaning residue can be washed off of the surface using a pressure washer or other cleaning method.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	No	Yes

SherStripe™ Athletic Field Marking Paint (B2-900 Series)

SherStripe Athletic Field Marking Paint is a complete line of fast-drying, latex emulsion formulas designed specifically for lining and marking natural surfaces; such as grass, cinder and dirt playing fields.

Use **SherStripe Athletic Field Marking Paint** on baseball, soccer, football, field hockey and any other natural field or surface where striping, marking or coloring is desired.

SherStripe Athletic Field Marking Paint is a safer alternative to lime. The product will not harm grass compared to lime. Lines will not blur with rough usage.

Recommended Spread Rate per coat:B02W00900(may vary by color)

Wet mils:	4.0
Dry Mils:	1.2
Coverage:	350 - 400 sq ft/gal

Approximately 1,000—1,200 lineal foot 4” line @1.5 mils wet

Drying Schedule @ 77°F @ 50% RH:

Touch:	30 minutes
Recoat:	1 hour

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Finish: Flat

Bright White B02W00900, White B02W00902, Ultradeep B02T00954, Red B02R00955, Blue B02L00956, Black B02B00957

VOC (less exempt solvents)**:** <50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Yellow B02Y00956

VOC (less exempt solvents)**:** <100 g/L; <0.83 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: Varies by color

Weight Solids: Varies by color

Weight per Gallon: Varies by color

This product is designed to be applied by a line marking machine, but may also be applied by brush, roller, or spray. Product is supplied in a heavy-bodied formula.

Before application, reduce field marking paint with appropriate amount of clean water. Blend paint and water thoroughly. Blending with an electric drill or mixer is recommended. Mix to a uniform consistency without creating air bubbles or foam. Ensure that SherStripe is stirred to a perfectly smooth consistency before filling line marking machines.

Roller: ..... 3/8” - 3/4” nap synthetic roller cover

Line Striper: ..... See manufacturer’s specifications for proper settings.

Reduction: ..... Reduce as needed up to 4:1 with clean water.

The amount of reduction may affect the hide, coverage and color intensity.

Natural Turf Athletic Fields

1-2 cts. SherStripe Athletic Field Marking Paint

Recommended Coverage:

Coverage depends on method of application, type of field and width of lines desired. When applied according to recommended line marking machine methods, a gallon of properly thinned paint will mark approximately 1,000 - 1,200 lineal foot 4” line at 1.6 mils wet.

Actual spread rates may vary based on the following:

- Surface profile
- Poor surface conditions
- Roughness and porosity of surface
- Method of application
- Amount of reduction
- Environmental conditions
- Amount of film build

Color (bulk package):

Bright White	B02W00900
White	B02W00902
Ultradeep Base	B02T00954
Yellow	B02Y00956
Red	B02R00955
Blue	B02L00956
Black	B02B00957

(The package colors and the aerosols are different colors.)

Color (Aerosols):

Athletic White	650077589
Athletic Yellow	650077613
Athletic Orange	650077621
Athletic Scarlet	650077647
Athletic Royal Blue	650077654
Athletic Black	650077662
Athletic Maroon	650077670
Athletic Purple	650077688
Athletic Fluorescent Orange	650077704
Athletic Fluorescent Green	650077712

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Other colors	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	No	Yes
Yellow	Yes	No	No	Yes	No	Yes	NA	NA	NA	No	No

SnapDry™ Interior/Exterior Semi-Gloss Waterbased Door & Trim Paint

SnapDry Interior/Exterior Semi-Gloss Waterbased Door & Trim Paint is designed for use on doors, trim, windows and shutters. **SnapDry** is resistant to dirt, fingerprints and UV weathering. Quick Dry Technology allows doors to be closed sooner without the worry of sticking.

Mildew Resistant
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

Colors	Most colors
Recommended Spread Rate per coat:	
Wet mils:	4.0
Dry mils:	1.44
Coverage:	350-400 sq ft/gal
(7.0 wet mils maximum per coat)	
Drying Schedule @ 77°F @ 50% RH:	
Touch:	1 hour
Recoat:	2 hours
Drying times are temperature, humidity and film thickness dependent.	
Finish:	45 - 55 @ 60°
Flash Point:	N/A
	Extra White A71W00051
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12	
Volume Solids:	36 ± 2%
Weight per Gallon:	9.75 lb

Temperature:	50°F minimum, 90°F maximum (air, surface, and material), at least 5°F above dew point
Relative humidity:	40 - 70% maximum

Paints dry faster in higher temperatures, lower humidity, and when exposed to direct sunlight. When possible, paint in early morning or late afternoon. You may also be able to avoid direct sunlight while painting by opening the door into the home.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean up: .....Water
Reduction .....Do Not Reduce
Preferred Brush: .....Purdy XL, Purdy Clear Cut 2 - 2 1/2”
Preferred Roller: .....Purdy Jumbo Soft Woven 3/8” - 1/2”, Contractor Series Mohair 3/16”
Spray—Airless
Pressure ..... 1500 - 2000 psi
Tip.....011”-.015”
Reduction .....Do Not Reduce

Apply 2 topcoats of **SnapDry** directly over existing properly prepared, interior or exterior coatings, or properly primed new interior or exterior surfaces as directed below.

Interior:
Wood
1 ct. Premium Wall & Wood Primer

Interior & Exterior:
Aluminum & Galvanized Steel
1 ct. Pro Industrial Pro-Cryl Universal Primer
Steel
1 ct. Pro Industrial Pro-Cryl Universal Primer

Exterior:
Wood, Composition Board
1 ct. Exterior Oil-Based Wood Primer
or Exterior Latex Wood Primer
Plywood
1 ct. Exterior Oil-Based Wood Primer
Vinyl, Trim & Shutters
1 ct. Multi-Purpose Latex Primer

Other primers may be appropriate. When painting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.
Due to the fast dry nature of Snap Dry, all quick dry waterbased and alkyd primers (those stating to recoat in as little as 1 hour) should be allowed to dry a minimum of 4 hours in good drying conditions. All other primers, follow the primer recommendations.

Tips:
When using SnapDry paint make sure any paint drips are smoothed out with a brush or roller within 5-10 minutes of application. If drips are noticed after 10 minutes of application, allow 1-2 hours to dry and use a putty knife or razor to remove the affected area. Lightly sand area if needed and repaint.

Allow SnapDry paint to dry before applying a second coat. When second coat is dry, remove all painter’s tape, re-install your door hardware. While making brush or roller strokes, make sure the fresh paint you are overlapping is still wet. This will help you to avoid paint streaks.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	No	Yes

Solo® Acrylic Interior/Exterior & Solo® Interior/Exterior Satin

Solo Acrylic Interior/Exterior creates a hard, scrubbable finish that is resistant to burnishing, wearing, and blocking. **Solo Acrylic** is an excellent choice for specifications where an acrylic interior finish is required.
Solo Interior/Exterior Satin creates a hard, scrubbable finish with a lower luster appearance and easy application.
Both are designed for use on doors, trim, walls & shutters and can be applied to surfaces with a pH up to 13.

Flat.....A74 Series
Eg-Shel.....A75 Series
Satin .....A73 Series
Semi-Gloss .....A76 Series
Gloss .....A77 Series

Temperature: 50°F minimum
air, surface, and material,
at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean up .....Water
Reducer .....No reduction needed
Brush .....Nylon/polyester brush
Roller Cover .....1/4" - 1/2" nap synthetic cover (A76 & 77)
Use a 3/8" - 3/4" nap soften woven cover for Satin (A73,74 & 75 Series)
Spray—Airless
Pressure .....2000 psi
Tip..... .015"-.021"
Use .013" - .015" Tip for Satin (73 Series)
Reduction .....Up to 1 pint per gallon
No reduction needed for Satin (73 Series)
Mildew Resistant
These coatings contain agents which inhibit the growth of mildew on the surface of this coating film.

Apply 2 topcoats of Solo directly over existing properly prepared, interior or exterior coatings. New interior bare drywall, cured plaster & masonry (cured with a pH of less than 13), and non-bleeding wood, prime with appropriate primer.

Interior
Drywall
Self-prime using 2 cts. of Solo, or
1 ct. ProMar 200 Zero VOC Primer
Plaster
Self-prime using 2 cts. of Solo, or
1 ct. Premium Wall & Wood Primer
Wood
Self-prime using 2 cts. of Solo, or
1 ct. Premium Wall & Wood Primer

Interior & Exterior
Aluminum & Galvanized Steel
(if needed)
1 ct. Pro Industrial Pro-Cryl Universal Primer
Block
1 ct. ConFlex Block Filler
Masonry, Cement, Stucco
1 ct. Loxon Concrete & Masonry Primer
Steel
1 ct. Pro Industrial Pro-Cryl Universal Primer

Exterior
Wood, Composition Board
1 ct. Exterior Oil-Based Wood Primer
or Exterior Latex Wood Primer
Plywood
1 ct. Exterior Latex Wood Primer

Other primers may be appropriate. When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

	Flat (A74 Series)	Eg-Shel (A75 Series)	Satin (A73 Series)	Semi-Gloss (A76 Series)	Gloss (A77 Series)
Color:	Most colors	Most colors	Most colors	Most colors	Most colors
Spread Rate per coat:	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Wet mils/Dry mils:	4 / 1.6	4 / 1.4	4.0 / 1.6	4 / 1.5	4 / 1.5
Drying Time, @ 77°F, 50% RH Drying times are temperature, humidity and film thickness dependent.					
Touch:	1 hour	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	5 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A	N/A
Finish:	0-5 units @ 85°	15-20 units @ 85°	20-30 units @ 60°	35-45 units @ 60°	65+ units @ 60°
	Extra White A74W00051	**Extra White A75W00051**	**Extra White A73W00051**	**Extra White A76W00051**	**Extra White A77W00051**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12					
Volume Solids:	40 ± 2%	36 ± 2%	40 ± 2%	38 ± 2%	37 ± 2%
Weight per Gallon:	10.99 lb	10.62 lb	10.40 lb	10.16 lb	10.03 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Eg-Shel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Steel Spec™ Fast Dry Alkyd (B55-800 Series)

Steel Spec Fast Dry Alkyd is a one component modified alkyd.
- Ideal for use in fabrication shops
- Formulated for fast drying and curing
- Recoat in 1 hour
- Allows multiple coats to be applied during one shift
- Dries fast for quick handling times to increase productivity
- Excellent airless spray properties

Finish: Gloss
Color: Wide range of colors available
B55W00811 (varies by color)
Volume Solids: 68 ± 2%, may vary by color
Weight Solids: 81 ± 2%, may vary by color
VOC (less exempt solvents)**:** 225 g/L; 1.88 lb/gal (unreduced)
Recommended Spread Rate per coat:
Wet mils: 4.5 – 7.5
Dry mils: 3.0 – 5.1
Coverage: 213 - 363 sq ft/gal approximate
NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 5.0 mils wet @ 50% RH:

	@ 40°F	@ 77°F	@ 100°F
To touch:	30 minutes	20 minutes	10 minutes
To handle:	15 hours	3-4 hours	2 ½ hours
To recoat:	4 hours	1 hour	45 minutes
To cure:	14 days	7 days	4 days

Drying times are temperature, humidity and film thickness dependent.
Flash Point: 50°F PMCC

Temperature: 40°F minimum, 120°F maximum
air, surface, and material
at least 5°F above dew point
Relative Humidity: 85% Maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.
Reducer/Clean Up:
Below 80°F.....Xylene, R2K4
Above 80°F.....Aromatic Naphtha, R2K5
Airless Spray (Reduction Not Recommended)
Pressure .....3000 psi
Hose .....1/4" ID
Tip.....015" – .019"
Filter.....60 mesh
Brush.....Nylon/Polyester or Natural Bristle
Roller.....3/8" woven with solvent resistant core
Reduction .....Not recommended
If specific application equipment is listed above, equivalent equipment may be substituted.

Steel:
1 ct. Kem Bond HS Alkyd Primer
1 ct. Steel Spec FD Alkyd Topcoat
Steel:
1 ct. Steel Spec RIP Primer
1 ct. Steel Spec FD Alkyd Topcoat
Steel:
1 ct. Kem Kromik Universal Metal Primer
1 ct. Steel Spec FD Alkyd Topcoat

System Tested
1 ct. Kem Kromik Universal Primer @ 3.0-4.0 mils dft
1 ct. Steel Spec FD Alkyd @ 3.0-5.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP10/NACE 2

Test Name	Test Method	Results
Abrasion Resistance (topcoat only)	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	190 mg loss
Adhesion	ASTM D4541	323 psi
Corrosion Resistance	ASTM D5894, 4 cycles, 1680 hours	Rating 8 per ASTM D610 for Rusting; Rating 9 per ASTM D714 for Blistering
Direct Impact Resistance (topcoat only)	ASTM G14	30 in. Lbs.
Dry Heat Resistance	ASTM D2485	200°F
Flexibility (topcoat only)	ASTM D522, 180° bend, 3/16" mandrel	Pass
Pencil Hardness	ASTM D3363	B
Salt Fog Resistance	ASTM B117, 1500 hours	Rating 10 per ASTM D610 for Rusting (field); Rating 10 per ASTM D714 for Blistering

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® 4v Emissions	LEED® 4v VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No

SuperDeck® Exterior Waterborne Clear Sealer, SuperDeck® Exterior Oil-Based Transparent Stain

SuperDeck Exterior Waterborne Clear Sealer (SD1T00100) Protects exterior wood from sun while allowing the wood to gray naturally. Advanced water repellents make water bead up, protecting against cracking, splitting, and warping of wood. This coating contains agents that inhibit the growth of mildew on the surface of this coating.

Use on wood:
- Decks
- Doors
- Siding
- Fences
- Shutters
- Shakes
- Outdoor wood furniture

Use on:
- Pressure treated wood
- Cedar
- Redwood
- Pine
- Oak
- Plywood

Color Clear (Do Not Tint)
Coverage: 250 - 300 sq ft/gal (smooth surface)
150 - 200 sq ft/gal (rough surface)
Depending on porosity and texture. Note: New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.
Drying Time @ 77°F @ 50% RH:
To recoat: before 2 hours (wet on wet application)
To touch: 5 hours
To use: 24 hours
Drying times are temperature, humidity and film thickness dependent.
Finish: no surface film
Vehicle Type: Alkyd

	SD1T00100
VOC (less exempt solvents)**:**	316 g/L; 2.64 lb/gal
VOC (Emitted VOC)**:**	47 g/L; 0.40 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Flash Point: N/A
Volume Solids: 10 ± 2%
Weight per Gallon: 8.31 lb

Temperature: 50°F minimum, 90°F maximum
air, surface, and material
at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade. Do not apply if temperatures will fall below 50°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.

Apply without thinning by brush, roller, pump sprayer or dip. When spraying and dipping, be sure to "back brush" to ensure uniform coverage. Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints.

Due to the composition of SuperDeck Waterborne Clear Sealer, if a second coat is needed, apply it before 2 hours drying of the first coat. If this 2 hour window is exceeded, the second coat will not penetrate and adhere properly. The surface must weather until water will not bead up on the surface before applying another coat.

SuperDeck Exterior Oil-Based Transparent Stain (SD2 Series) This high solids penetrating exterior formula protects the beauty of wood with a rich transparent color. One coat coverage with a transparent finish that highlights the wood grain. 3-Oil formula contains deep penetrating tung oil for lasting protection. Excellent water repellency. Formulated to resist the growth of mildew and algae on the coating's surface.

Use on wood:
- Decks
- Doors
- Siding
- Fences
- Shutters
- Shakes
- Outdoor wood furniture

Use on:
- Pressure treated wood
- Cedar
- Redwood
- Pine
- Oak
- Plywood

Color Transparent Stain colors
Coverage: 250 - 350 sq ft/gal (smooth surface)
150 - 250 sq ft/gal (rough surface)
Depending on porosity and texture. Note: New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.
Drying Time @ 77°F 50% RH:
To touch: 8 hours
To use: 24 hours
Drying times are temperature, humidity and film thickness dependent.
Due to the composition of **SuperDeck Oil Based Transparent**, only one coat is necessary. **Do not apply more than one coat.**
Finish: no sheen
Vehicle Type: Alkyd

	SD2Y00001	Cedar SD2Y00061
VOC: (may vary by color) (less exempt solvents)**:**	240 g/L; 2.00 lb/gal	89 g/L; 0.74 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Flash Point:	111°F, TCC	111°F, TCC
Volume Solids:	66 ± 2%	81 ± 2
Weight per Gallon:	7.39 lb	7.77 lb

Temperature: 40°F minimum, 95°F maximum
air, surface, and material
at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade with surface temperatures between 40°F and 95°F Do not apply if temperatures will fall below 40°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.

Apply without thinning by brush, roller, pump sprayer or dip. When spraying and dipping, be sure to "back brush" to ensure uniform coverage. Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints.

Not intended for interior use. Do not use on roofs, as a varnish or a clear coat. Do not apply over hardboard, particleboard or wood coated with paint, creosote-based materials or latex products. No not use on garage floors, driveways or automobile traffic areas.

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
SD1T00100	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes
SD2Y00001	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	NA	No	No
SD2Y00061	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

SuperDeck® Exterior Semi-Transparent Stains Waterborne & Oil-Based

SuperDeck Exterior Waterborne Semi-Transparent Stain (SD3T00025)
Provides a semi-transparent film with advanced UV protection and excellent penetration for protecting horizontal exterior wood surfaces. Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day. This coating contains agents that inhibit the growth of mildew on the surface of the coating.

Use on wood:
- Decks
- Steps
- Rails
- Spindles
- Patios
- Walkways
- Outdoor wood furniture

Use on:
- Pressure treated wood (CCA, ACQ, CA)
- Cedar
- Redwood
- Pine
- Cypress
- Fir & Spruce

Temperature: 50°F minimum, 90°F maximum
air, surface, and material
at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade with surface temperatures between 50°F and 90°F. Cooler temperatures require longer drying times
No reduction necessary
Brush .....Nylon/Polyester brush
Roller .....3/8" - 3/4" nap cover
Airless Spray
Pressure .....2000 psi
Tip.....015"-.017"

After application, while the material is still wet, back brush to force the material into the wood fibers and to achieve a uniform appearance.
2 coats are required for proper color development, the second coat MUST be applied within 7 days of the first coat.

SuperDeck Exterior Oil-Based Semi-Transparent Stain (SD4 Series)
Penetrating exterior oil based formulas which protect the beauty of wood with a rich semi-transparent stain. One coat coverage on most exterior woods, do not apply a second coat. Scuff resistant formula with UV protection that resists fading. Repels water to help prevent moisture damage. This coating contains agents that inhibit the growth of mildew on the surface of this coating.

Use on wood:
- Decks
- Doors
- Siding
- Fences
- Shutters
- Shakes
- Outdoor wood furniture

Use on:
- Pressure treated wood
- Cedar
- Redwood
- Pine
- Oak
- Plywood

Temperature: 40°F minimum, 95°F maximum
air, surface, and material
at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade. Do not apply if temperatures will fall below 40°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.

Apply without thinning by brush, roller or spray. If sprayed, use the lowest possible pressure needed for a reasonable spray pattern. Also, when spraying, be sure to "back brush/roll". Back brushing/rolling is suggested when spraying, working the product smoothly and evenly into the wood. This will decrease the possibility of pools or puddles on the surface and ensure a properly penetrated finish. Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints.
Due to the composition of SuperDeck Oil Based Semi-Transparent, **only one coat is necessary**. **Do not apply more than one coat**.

	SD3T00025	SD4C00125	SD4C00115	SD4-60 Series
Color:	Semi-Trans Colors	Semi-Trans Colors	Semi-Trans Colors	Packaged Colors
Coverage: (Depending on porosity. New wood normally requires less product than old, weathered wood due to differences in porosity)				
Smooth:	350 sq ft/gal	250 - 350 sq ft/gal	250 - 350 sq ft/gal	250 - 350 sq ft/gal
Rough/Porous:	100 - 200 sq ft/gal	150 - 250 sq ft/gal	150 - 250 sq ft/gal	150 - 250 sq ft/gal
Drying Time @ 77°F @ 50% RH: Drying times are temperature, humidity and film thickness dependent.				
Touch:	1 hour	8 hours	8 hours	8 hours
Recoat:	4 hrs min - 7 days max			
To Use:		24 hours	24 hours	24 hours
Finish:	slight film, no sheen	no sheen	no sheen	no sheen
Flash Point:	N/A	111°F, TCC	111°F, PMCC	111°F, TCC
	SD3T00025	**SD4C00125**	**SD4C00115**	**Cedar SD4Y00061**
VOC (less exempt solvents)**:** As per 40 CFR 59.406 and SOR/2009-264, s.12	<50 g/L; <0.42 lb/gal	532 g/L; 4.44 lb/gal	235 g/L; 1.96 lb/gal	99 g/L; 0.83 lb/gal
Volume Solids:	23 ± 2%	31 ± 2%	66 ± 2%	78 ± 2%
Weight per Gallon:	8.94 lb	7.03 lb	7.79 lb	8.34 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
SD3T00025	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
SD4C00125	No	No	No	No	No	No	Yes	NA	NA	No	No
SD4C00115	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	NA	No	No
SD4Y00061	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

SuperDeck® Exterior Waterborne Semi-Solid Color and Solid Color Stains

SuperDeck Exterior Waterborne Semi-Solid Color Stain (SD5-15)
SuperDeck IR Reflective Exterior Waterborne Semi-Solid Color Stain (SD5-3000 Series) Provides an exterior semi-solid film with excellent penetration for protecting new horizontal exterior wood surfaces. Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day. Offers greater defense against weathering than the waterborne semi-transparent stain, while allowing the natural character of the wood grain to show through. These coatings contain agents that inhibit the growth of mildew on the surface of this coating.

IR Reflective stain contains pigments that actually reflect solar rays back into the atmosphere, thereby helping reduce the exterior surface temperatures of SuperDeck IR coated decks exposed to the constant assault of direct sunlight.

Use on wood:
- Decks
- Steps
- Rails
- Spindles
- Patios
- Walkways
- Outdoor wood furniture

Use on:
- Pressure treated wood (CCA, ACQ, CA)
- Cedar
- Redwood
- Pine
- Cypress
- Fir & Spruce

Temperature: 50°F minimum, 90°F maximum air, surface, and material at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade. Do not apply if temperatures will fall below 50°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.
No reduction necessary
Brush ..... Nylon/Polyester brush
Roller ..... 3/8" - 3/4" nap cover
Spray—Airless
Pressure ..... 2000 psi
Tip ..... .015"-.017"

Two thin coats may be required for proper color development, the second coat MUST be applied within 7 days of the first coat.

SuperDeck Exterior Waterborne Solid Color Stain (SD7 Series)
SuperDeck IR Reflective Exterior Waterborne Solid Color Stain (SD7-3000 Series) Exterior solid color waterborne 100% acrylic resin stain. Use over existing exterior paint or stained deck. Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day, not to exceed 25% moisture content. These coatings contain agents that inhibit the growth of mildew on the surface of this coating.

I**R Reflective** stain contains pigments that actually reflect solar rays back into the atmosphere, thereby helping reduce the exterior surface temperatures of SuperDeck IR coated decks exposed to the constant assault of direct sunlight.

Use on wood:
- Decks
- Steps
- Rails
- Spindles
- Patios
- Walkways
- Outdoor wood furniture

Use on:
- Pressure treated wood (CCA, ACQ, CA)
- Cedar, Redwood
- Pine
- Cypress
- Fir, Spruce

Temperature: 50°F minimum, 90°F maximum air, surface, and material at least 5°F above dew point
Relative Humidity: 85% Maximum
For best results apply in shade. Do not apply if temperatures will fall below 35°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.
No reduction necessary
Brush ..... nylon/polyester brush
Roller ..... 3/8" - 3/4" nap cover
Spray—Airless
Pressure ..... 2200 - 24000 psi
Tip ..... .015"-.019"
After application, while the material is still wet, back brush to force the material into the wood fibers and to achieve a uniform appearance. 2 coats are recommended for maximum durability. 1 coat should be sufficient for railings, spindles and surfaces not subjected to foot traffic.

	SD5T00015	SD5N03518	SD7W00151	SD7A03026
Color:	Semi-Solid Stain Colors	3 Package Colors	Solid Stain/Exterior Colors	3 Package Colors
Coverage: (Depending on porosity. New wood normally requires less product than old, weathered wood due to differences in porosity)				
Smooth:	350 sq ft/gal	350 sq ft/gal	200 - 400 sq ft/gal	200 - 400 sq ft/gal
Rough/Porous	100 - 200 sq ft/gal	100 - 200 sq ft/gal		
Drying Schedule @ 77°F, @ 50% RH Drying times are temperature, humidity and film thickness dependent.				
To touch:	1 hour	1 hour	2 hours	2 hours
To recoat:	4 hours min., 7 days max	4 hours min., 7 days max	5 hours	5 hours
Finish units:	Slight film, no sheen	Slight film, no sheen	Slight sheen	Slight sheen
Flash Point PMCC:	N/A	N/A	N/A	N/A
	SD5T00015	**SD5N03518**	**SD7W00151**	**SD7A03026**
VOC (less exempt solvents)**:** As per 40 CFR 59.406 and SOR/2009-264, s.12	<50 g/L; <0.42 lb/gal (may vary by color)	<50 g/L; <0.42 lb/gal (may vary by color)	97 g/L; 0.81 lb/gal (may vary by color)	91 g/L; 0.76 lb/ (may vary by color)
Volume Solids:	31 ± 2%	31 ± 2%	31 ± 2%	34 ± 2%
Weight/Gallon:	9.44 lb	9.59 lb	10.55 lb	10.83 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® 4v Emissions	LEED® 4v VOC
SD5T00015	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes
SD5N03518	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes
SD7W00151	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes
SD7A03026	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes

SuperDeck® Log Home & Deck Stain

SuperDeck Log Home & Deck Waterborne Satin Semi-Transparent Stain (SD8T00200) provides a lasting, mildew-resistant film with excellent penetration for protecting vertical and horizontal exterior wood surfaces. This product can be applied at air, surface, and material temperatures as low as 50°F. It can also be applied to damp surfaces, allowing surfaces to be prepared and stained in one day. May be used on interior vertical logs. This product contains agents which inhibit the growth of mildew on the surface of the material.

Use on wood:
- Log Cabins
- Rails
- Spindles
- Decks
- Benches
- Outdoor wood furniture
- Steps

Use on:
- Pressure Treated (CCA, ACQ, CA)
- Cedar
- Redwood
- Pine
- Spruce
- Cypress
- Fir

Temperature: 50°F minimum, 90°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum
For best results apply in shade. Do not apply if temperatures will fall below 50°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.
Reduction: None
Brush: Nylon/Polyester brush
Roller: 3/8" - 3/4" nap roller
Airless Spray:
Pressure 2000 psi
Tip .015" - .017"
After spray applying the material, while the material is still wet, back brush to force the material into the wood fibers and to achieve a uniform appearance.

Exterior vertical and horizontal wood surfaces:
2 cts. SuperDeck Log Home & Deck Stain
(Can be applied to surfaces that are damp from weathering or cleaning, not to exceed 25% moisture content.
Interior vertical wood surfaces:
2 cts. SuperDeck Log Home & Deck Stain
(Can be applied to surfaces that are dry, not to exceed 15% moisture content.)

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not thin or mix with any other stains or coatings. A sample brush out is recommended to ensure color satisfaction. Apply without thinning by brush, roller, sprayer, or dip. When spraying and dipping, be sure to "back brush" to ensure uniform coverage. Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints.

Two coats may be necessary to achieve the selected color. Wait the appropriate recoat time for the first coat to dry.

	SD8T00200
Color:	Semi-Transparent stain colors
Recommended Spread Rate per coat:	
Smooth	350 sq ft/gal
Rough/Porous	100 - 200 sq ft/gal

(Coverage depends on porosity of the wood. New wood normally requires less product than old, weathered wood due to differences in porosity.)

Drying Schedule @ 77°F @ 50% RH	
Touch:	1 hour
Recoat:	4 hrs minimum, 3 days maximum

Drying times are temperature, humidity and film thickness dependent.

Finish:	slight film, Satin
Flash Point:	N/A
	Tint Base SD8T00200
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids:	25 ± 2%
Weight per Gallon:	8.59 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
SD8T00200	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	No	Yes

SuperPaint® Exterior Latex

SuperPaint Exterior Latex is an excellent quality exterior family of finishes. This product is resistant to early dirt pick up. It is recommended for use on aluminum and vinyl siding, wood siding, clapboard, plywood, masonry and metal down to a surface and air temperature of 35°F. VinylSafe™ paint colors allow you the freedom to choose from 100 color options, including a limited selection of darker colors formulated to resist warping or buckling when applied to a sound, stable vinyl substrate.

Flat.....A80 Series
Low Lustre.....A78 Series
Satin .....A89 Series
Gloss .....A84 Series
High Gloss.....A85 Series

Temperature: 35°F minimum
air, surface, and material
at least 5°F above dew point

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2 - 3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

No reduction needed.

Brush .....Nylon/Polyester brush
Roller .....Use a 3/8" - 3/4" nap synthetic cover
Airless Spray
Pressure .....2000 psi
Tip.....015"-.019"
Tip ..... 013"-.017" A85 Series High Gloss

Aluminum & Aluminum Siding[1]
2 cts. SuperPaint Exterior Latex
Concrete Block, CMU, Split face Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. SuperPaint Exterior Latex
Brick
1 ct. Loxon Conditioner[2]
2 cts. SuperPaint Exterior Latex
Cement Composition Siding/Panels
1 ct. Loxon Concrete & Masonry Primer[2]
or Loxon Conditioner[2]
2 cts. SuperPaint Exterior Latex
Galvanized Steel[1]
2 cts. SuperPaint Exterior Latex
Stucco, Cement, Concrete
1 ct. Loxon Concrete & Masonry Primer[2]
2 cts. SuperPaint Exterior Latex
Plywood
1 ct. Exterior Latex Wood Primer
2 cts. SuperPaint Exterior Latex Flat
Vinyl Siding
2 cts. SuperPaint Exterior Latex
Wood (Cedar, Redwood)[3]
1 ct. Exterior Oil-Based Wood Primer[2]
2 cts. SuperPaint Exterior Latex

[1]On large expanses of metal siding, the air, surface and material temperatures must be 50°F or higher.
[2]Not for use at temperatures under 50°F. See specific primer label for that product's application conditions.
[3] Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. For best results on these woods, use a coat of Exterior Oil-Based Wood Primer.
Other primers may be appropriate.

	Flat A80 Series	Low Lustre A78 Series	Satin A89 Series	Gloss A84 Series	High Gloss A85 Series
Color:	Most colors	Most colors	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:					
Wet mils:	4.0	4.0	4.0	4.0	4.0
Dry mils:	1.4	1.5	1.5	1.5	1.8
Coverage:	350 - 400 sq ft/gal	350 -400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal	350 - 400 sq ft/gal
Drying Schedule @ 50% RH:					
	35-45°F/45°F+	**35-45°F/45°F+**	**35-45°F/45°F+**	**35-45°F/45°F+**	**@ 77°F**
Touch:	2 hours/2 hours	2 hours/2 hours	2 hours/2 hours	2 hours/2 hours	1 hour
Recoat:	24-48 hrs/4 hrs	24-48 hrs/4 hrs	24-48 hrs/4 hrs	24-48 hrs/4 hrs	18 hours
Drying times are temperature, humidity and film thickness dependent.					
Finish:	0 - 5 @ 85°	10 @ 60°	10 - 20 @ 60°	35 - 45 @ 60°	70+ @ 60°
Flash Point:	N/A	N/A	N/A	N/A	N/A
	A80W01151	**A78W00051**	**A89W01151**	**A84W01151**	**A85W00051**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	90 g/L; 0.75 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12					
Volume Solids:	36 ± 2%	38 ± 2%	38 ± 2%	37 ± 2%	44 ± 2%
Weight per Gallon:	11.38 lb	10.58 lb	10.19 lb	9.78 lb	9.87 lb

Complies with:	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	No	Yes
Low Lustre	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	N/A	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	No	Yes
Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	No	Yes
High Gloss	Yes	Yes	No	Yes	Yes	Yes	No	N/A	N/A	No	No

SuperPaint® Interior Latex

SuperPaint Interior Latex is for use on previously painted, bare or primed wallboard, wood, plaster, masonry and metal. SuperPaint paint and primer in one provides fast and easy application, while offering excellent hide and durability.

Flat.....A86 Series
Velvet.....A94 Series
Satin .....A87 Series
Semi-Gloss .....A88 Series

Temperature: 50°F minimum, 100°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Brush .....Nylon/Polyester brush
Roller .....3/8" - 3/4" nap synthetic cover
No reduction needed.
Airless Spray
Pressure .....2000 psi
Tip.....017"-.021"
No reduction needed.

SuperPaint Interior Latex can be used directly over existing coatings, or bare drywall, plaster (cured with a pH of less than 9), masonry (cured with a pH of less than 9) and non-bleeding wood.

Drywall
Self-prime using 2 cts. of SuperPaint Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. SuperPaint Interior Latex

Masonry/Block
(can be filled to provide a smooth surface or primed if it is a high pH substrate)
1 ct. Loxon Acrylic Block Surfacer
or
1 ct. Loxon Concrete & Masonry Primer
2 cts. SuperPaint Interior Latex

Plaster
Self-prime using 2 cts. of SuperPaint Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. SuperPaint Interior Latex

Wood
Self-prime using 2 cts. of SuperPaint Interior Latex
or
1 ct. Premium Wall & Wood Primer
2 cts. SuperPaint Interior Latex
If the wood has bleeding (such as tannin or knot-holes), prime with Multi-Purpose Primer.

Other primers may be appropriate.

	Flat **A86 Series**	**Velvet** **A94 Series**	**Satin** **A87 Series**	**Semi-Gloss** **A88 Series**
Color:	Most colors	Most colors	Most colors	Most colors
Recommended Spread Rate per coat:				
Wet mils:	4.0	4.0	4.0	4.0
Dry mils:	1.5	1.7	1.5	1.6
Coverage:	350 - 400 **sq ft/gal**	350 - 400 **sq ft/gal**	350 - 400 **sq ft/gal**	350 - 400 **sq ft/gal**
Drying Schedule, @ 77°F, @ 50% RH	Drying times are temperature, humidity and film thickness dependent.			
Touch:	1 hour	1 hour	1 hour	1 hour
Recoat:	4 hours	4 hours	4 hours	4 hours
Flash Point:	N/A	N/A	N/A	N/A
Finish:	0 - 5 @ 85°	4 @ 60°	10 @ 60°	25 - 35 @ 60°
	Extra White **A86W01151**	**Extra White** **A94W00051**	**Extra White** **A87W01151**	**Extra White** **A88W01151**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal	<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12				
Volume Solids:	38 ± 2%	42 ± 2%	38 ± 2%	39 ± 2%
Weight per Gallon:	11.37 lb	11.47 lb	10.86 lb	10.54 lb

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Velvet	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Satin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Semi-Gloss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

TarGuard Coal Tar Epoxy (B69-60 Series)

TarGuard Coal Tar Epoxy is a high build, polyamide epoxy coal tar coating.
Meets the following specifications:
- Corps of Engineers Formula C-200A
- SSPC Paint 16 Specification
- AWWA C-210, Non-Potable Water Applications

Finish: Semi-Gloss
Color: Black, Red
Volume Solids: 74% ± 2%, mixed
VOC (calculated)**:** <250 g/L; 2.08 lb/gal mixed (unreduced)
<300 g/L; 2.50 lb/gal mixed (reduced 10%)
Mix Ratio: 2 component, premeasured 4:1
Recommended Spread Rate per coat:
Wet mils: 11.0 - 22.0
Dry mils: 8.0 - 16.0 (may vary by substrate)
Coverage: 74 - 148 sq ft/gal approximate
NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 11.0 mils wet @ 50% RH:

	@ 50°F	@ 77°F	@100°F
To touch:	14 hours	8 - 10 hours	2 hours
To recoat:			
minimum:	48 hours	18 hours	5 hours
maximum:	72 hours	72 hours	12 hours
To cure:	7 days	3-4 days	2 days
Pot Life:	2½ hours	2 hours	1 hour
Sweat-in-Time:	15 minutes	10 minutes	none

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: 82°F, PMCC, mixed

Temperature: 50°F minimum, 100°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 90% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.
Reducer/Clean Up.....Xylene, R2K4
In California .....Reducer R7K111 or Oxsol 100
Airless Spray
Pressure .....3000 psi
Hose .....3/8" - 1/2" ID
Tip.....017" - .025"
Filter..... None
Reduction .....as needed up to 10% by volume

Brush .....Small areas only; natural bristle
Roller .....Small areas only; 3/8" - 1/2" woven with solvent resistant core
Reduction .....not recommended
If specific application equipment is listed above, equivalent equipment may be substituted.

Concrete, atmospheric or immersion:
2 cts. TarGuard Coal Tar Epoxy @ 8.0 - 16.0 mils dft/ct
Steel, atmospheric or immersion:
2 cts. TarGuard Coal Tar Epoxy @ 8.0 - 16.0 mils dft/ct
Steel, atmospheric or immersion:
1 ct. Copoxy Shop Primer @ 3.0 - 5.0 mils dft
2 cts. TarGuard Coal Tar Epoxy @ 8.0 - 16.0 mils dft/ct
Steel, zinc rich primer, atmospheric only:
1 ct. Zinc Clad II Plus @ 3.0 mils dft
2 cts. TarGuard Coal Tar Epoxy @ 8.0 - 16.0 mils dft/ct
Aluminum, atmospheric only:
2 cts. TarGuard Coal Tar Epoxy @ 2.0-4.0 mils dft
Galvanized Metal, atmospheric only:
2 cts. TarGuard Coal Tar Epoxy @ 2.0-4.0 mils dft

The systems listed above are representative of the product's use, other systems may be appropriate.

System Tested:
1 ct. TarGuard Coal Tar Epoxy @ 10.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	137 mg loss
Adhesion	ASTM D4541	1000 psi
Direct Impact Resistance	ASTM D2794	36 in. lb.
Dry Heat Resistance (quench test only)	ASTM D2485	350°F
Moisture Condensation Resistance	ASTM D4585, 100°F (38°C), 3000 hours	Excellent
Pencil Hardness	ASTM D3363	F
Salt Fog Resistance	ASTM B117, 3000 hours	Excellent
Thermal Shock	ASTM D2246, 100 cycles	Excellent
Wet Heat Resistance	Non-immersion	120°F

Complies with unreduced	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	No	Yes	Yes	Yes	Yes	NA	NA	No	No

Tile-Clad® High Solids Epoxy (B62Z Series)

Tile-Clad High Solids Epoxy is a two-component, epoxy-polyamide coating for use in industrial maintenance environments and high performance architectural applications.

- Chemical resistant
- Abrasion resistant
- B60VZX70 Hardener - resists film attack by mildew

Finish: Gloss and Eg-Shel
Color: a wide range of colors available
B62WZ0111/B62VZ70
Volume Solids: 56% ± 2%, mixed, (may vary by color)
VOC (mixed less exempt solvent)**:** 378 g/L; 3.16 lb/gal, mixed (unreduced)
Mix Ratio: 1:1 by volume
Recommended Spread Rate per coat:
Wet mils: 4.0 - 7.0
Dry mils: 2.2 - 3.9
Coverage: 230 - 408 sq ft/gal approximate
Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.
Drying Schedule @ 4.0 mils wet @ 50% RH:

	@ 55°F	@ 77°F	@ 110°F
To touch:	3 hours	1 hour	20 minutes
Tack free:	6 hours	2 hours	30 minutes
To recoat:			
minimum:	6 hours	2 hours	30 minutes
maximum:	30 days	30 days	30 days
To stack:	18 hours	16 hours	3 hours
To cure:	21 days	14 days	7 days
Pot life:	4 hours	4 hours	2 hours
Sweat-in-Time:	1 hour	30 minutes	10 minutes

If maximum recoat time is exceeded, abrade surface before recoating. Drying times are temperature, humidity and film thickness dependent.
Flash Point: 83°F, TCC, mixed

Temperature: 55°F minimum, 110°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.
Reduction/Clean Up .....Reducer #54, R7K54, R6K25
Airless Spray
(Reduction R7K54 as needed up to 10% by volume)
Pressure .....2400 psi
Hose .....3/8" ID
Tip.....019"
Filter.....60 mesh
Brush .....Nylon/Polyester or Natural Bristle
Roller .....1/4"-3/8" woven with solvent resistant core
Reduction Brush/Roll as needed up to 10% by volume with R6K25

If specific application equipment is listed above, equivalent equipment may be substituted.

Steel, epoxy primer:
1 ct. Recoatable Epoxy Primer
2 cts. Tile-Clad High Solids
Steel, universal alkyd primer:
1 ct. Kem Bond HS
2 cts. Tile-Clad High Solids
Aluminum:
1 ct. DTM Wash Primer
2 cts. Tile-Clad High Solids
Concrete Block:
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Tile-Clad High Solids
Galvanized Metal:
2 cts. Tile-Clad High Solids
Poured Concrete/Tilt-Up Concrete (including floors):
2 cts. Tile-Clad High Solids
Wood, including floors:
2 cts. Tile-Clad High Solids

System Tested:
1 ct. Tile-Clad HS @ 3.0 mils dft

Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Abrasion Resistance	ASTM D2486	>500 cycles
Adhesion[1]	ASTM D4541	>400 psi
Fineness of Grind	Hegman	5.5 minimum
Impact Resistance[1]	ASTM D2794	53 in/lb
Direct Impact Resistance	ASTM D2794	95 in. lb.
Dry Heat Resistance	ASTM D2485	200°F
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
SAG	ASTM D4400	12 mils mimimun
Viscosity	KU	90-100

[1] 1 ct. Dura-Plate 235, 1 ct Tile-Clad Epoxy

Epoxy coatings may darken or yellow following application and curing.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	No	No	No	No	No	No	Yes	No	No	No	No

Traffic Marking - ProMar® Alkyd Zone Marking Paint (B29W1 & B29YZ2)

ProMar Alkyd Zone Marking Paint a fast-drying, medium oil alkyd in two colors, white and yellow, conforming to U.S. Bureau of Public Roads colors.

- Quick Drying
- Durability
- Spray, brush, or roll
- High Visibility
- Ready to use
- Glass beads can be added for making reflective markings

Finish:	Flat		
Color:	White	Yellow	
Volume Solids:	50%	52%	± 2%, minimum
Weight Solids:	73%	74%	± 2%, minimum
VOC (less exempt solvents)**:**	382 g/L;3.18 lb/gal,	369 g/L; 3.08 lb/gal	

Recommended Spread Rate per coat:
Approximately 350 lineal feet of standard 4" stripe per gallon

Wet mils:	15.0	15.0
Dry mils:	7.5	7.8
Coverage:	107	107 sq ft/gal approximate

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, method of application, surface irregularities, over-thinning, climatic conditions, and excessive film build.

Drying Schedule @ 15.0 mils wet @ 77°F @ 50% RH:

To touch:	20 minutes
No traffic pick-up after:	20 minutes

Drying time is temperature, humidity and film thickness dependent.
Flash Point: 16°F, PMCC

Temperature: 40°F minimum, 120°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents

Reducer/Clean Up.....VM&P Naphtha, R1K3
Airless Spray Line Striping Equipment
Pressure .....1800 -2700 psi
Hose .....1/4" - 3/8" ID
Tip.....015" - .017"
Filter..... 60 mesh
Reduction .....Only if necessary, up to 25% by volume
Brush .....natural bristle
Roller .....3/8" woven with solvent resistant core
Reduction .....As needed up to 25% by volume

If specific application equipment is listed above, equivalent equipment may be substituted.

For asphalt, concrete, brick and other surfaced areas.

Recommended Uses:

- Striping contractors
- Shopping centers
- Plant maintenance
- Curbs
- Municipalities
- Parking lots
- Airport runways

Cured Asphalt, Concrete, and Brick:
1 ct. ProMar Alkyd Zone Marking Paint @ 350 lineal feet of standard 4" stripe per gallon, approximately 15.0 mils wet, 7.5-7.8 mils dft/ct

Do not use this product on uncured asphalt surfaces such as those commonly found on tennis courts, asphalt driveways and some parking lots. For this type of application, use Setfast Waterborne Traffic Marking Paint.

Test Name	Test Method	Results
Color (yellow) #33538	Fed Std. 595 6 CIELAB	Pass
Reflectance	ASTM E97 85% min White; 50% min yellow	Pass White; Pass yellow
Dry-No-Pickup	ASTM D711 @ 50% RH 30 minutes	20 minutes
Dry Opacity (contrast ratio)	Fed Mtd 141C 0.96 min	0.96 min
Hegman Grind	ASTM D1210 2 minimum	3 minimum
Viscosity: White	KU	70-80
Viscosity: Yellow	KU	74 - 80

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	No	No	No	No	No	Yes*	Yes	NA	NA	No	No

*Canada: Traffic Marking Coatings Restircted to 150 g/L VOC from May 1st-Oct 15. Oct 16-April 30th VOCs are 450 g/L.

Traffic Marking - Setfast® Acrylic Latex Traffic Marking Paint (TM2160 & TM2161)

Setfast® Acrylic Latex Traffic Marking Paint is a conventional dry (non-heated application) water based paint intended for use in marking parking lots, airports, and roads. TM2160 and TM2161 may be used for general applications where specific specification compliance is not required. The product dries to no pickup in less than 60 minutes when properly applied under most environmental conditions.

- Water clean up
- Glass beads can be added for making reflective markings
- High visibility
- Ready to use

Finish: Flat
Color: White, Yellow
Volume Solids: 55% 55% ± 2%
Weight Solids: 73% 72% ± 2%
VOC (less exempt solvents): 94 g/L; 0.78 lb/gal 90g/L; 0.75 lb/gal
Recommended Spread Rate per coat:
Approximately 320 lineal feet of standard 4" stripe per gallon
Wet mils: 15.0 15.0
Dry mils: 8.2 8.2
Coverage: 107 107sqft/gal approximate
NOTE: Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.
Drying Schedule @ 15.0 mils wet @ 77°F @ 50% RH
To touch: 60 minutes maximum
No traffic pick up after 60 minutes maximum
Drying times are temperature, humidity and film thickness dependent.
Flash Point: White: 150°F, Yellow 145°F, TCC

Temperature: 50°F minimum, 110°F maximum air, surface, and material at least 5°F above dew point
Relative humidity: 85% maximum
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.
Reducer/Clean Up.....Water
Airless Line Striping Equipment
Pressure .....1800-2700 psi
Hose .....1/4" - 3/8" ID
Tip.....015" - .019"
Filter.....60 mesh
Reduction .....as needed up to 12½% by volume
Conventional Spray Line Striping Equipment
Gun.....Binks 21 (Bleeder)
Fluid Nozzle.....#68
Air Nozzle .....Internal mix, #709
Atomization Pressure ....20-80 psi
Fluid Pressure .....30-60 psi
Reduction .....as needed up to 12½% by volume
Brush, small areas only .....Nylon/polyester
Roller, small areas only.....3/8" woven with solvent resistant core
Brush & Roll .....(Reduction as needed up to 12½% by volume)

For marking parking lots, curbs, and other areas when very fast dry times are not critical, and water based coatings are required or desired.

Recommended for asphalt surfaces less than one year old
- Parking lots
- Striping contractors
- Plant maintenance
- Municipalities
- Shopping centers

Cured Asphalt, Concrete, Brick, and other Surfaced Highways:
1 ct. Setfast Acrylic Latex Traffic Marking Paint @ 15.0 mils wet, 8.2 mils dft, approximately 320 lineal feet of standard 4" stripe per gallon

Test Name	Test Method	Results
Fineness of Grind	Hegman	2 minimum
Color (yellow)	Fed Std. 595 #33538	Pass
Dry-No-Pickup		60 minutes maximum
Contrast ratio: White		0.954
Contrast ratio: Yellow		0.965 min
Fineness of Grind	ASTM D1210	2 Hegman min
Reflectance: White	ASTM E97	82% minimum
Reflectance: Yellow	ASTM E97	58.5% minimum
Viscosity: White	KU	78 - 86
Viscosity: Yellow	KU	75-85

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	No	Yes

Tuff Surface™ Premium Texture Finish

Tuff Surface Interior Acrylic Premium Texture Finish is a ready-mixed, breathable, ultra-tough, non-aggregate texture wall surfacing product for interior walls and ceilings. Ideal for use in hotels, motels, apartment complexes and commercial projects where a durable anti-microbial coating is required. This coating can be used to create a Level 5 drywall surface and Splatter, Knockdown, or Orange Peel finishes depending on the equipment and application method.

Anti-Microbial

This coating contains agents which inhibit the growth of mold and mildew on the surface of this coating film.

Color: Many colors

Recommended Spread Rate per coat:

Level 5 finish	160 - 200 sq ft/gal 8.0 - 10.0 mils wet
Texture	100 - 140 sq ft/gal 11.0 - 16.0 mils wet

Coverage will vary with the substrate and the final texture.

Drying Schedule @ 77°F, @ 50% RH:

Touch:	2 hours
Recoat:	4-8 hours
Topcoat:	24 hours

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N/A

Finish: Flat, Eg-Shel

White :	**Flat A44W01050**	**Eg-Shel, A44W00350**
VOC (less exempt solvents)**:**	<50 g/L; <0.42 lb/gal	
As per 40 CFR 59.406 and SOR/2009-264, s.12		
Volume Solids:	49 ± 2%	42 ± 2%
Weight per Gallon:	12.72 lb	10.75 lb
Vehicle Type:	EVA	Acrylic

Apply at temperatures between 50°F and 100°F. Do not reduce.

Stir thoroughly using a slow speed joint compound mixing paddle to a uniform consistency.

Apply the first coat by airless spray with all filters removed, using a .027 to .031 tip at approximately 8 mils wet (or 200 square feet per gallon) for full coverage. Apply the second coat at packaged consistency, by hopper gun or texture pump and gun to achieve the desired decorative texture.

For an **Orange Peel** effect, use high air pressure and a small orifice.

For a **Splatter** effect, use the large orifice and reduced air.

For a **Knockdown** effect, apply a Splatter effect, allow the splatter texture to set until the “wet look” sheen has diminished (generally about 5 to 7 minutes) and smooth the peaks with a wet stainless steel or appropriate knockdown trowel.

Move the trowel from top to bottom always keeping a wet edge and remove excess texture from the tool with a wet cloth.

Varying the orifice size, air pressure and knockdown technique will have an effect on the final appearance. Test the desired spray pattern and finish on a sample board to properly gage the equipment settings. This will also help determine the coverage rate.

Airless Spray

Unit ..... Graco GMax 5900HD TexSpray
Pressure ..... 3000 psi
Tip ..... .027” - .031” RAC X

If specific application equipment is listed above, equivalent equipment may be substituted.

To make a Level 5 finish on drywall

Tuff Surface Interior Acrylic Texture can be applied as part of a Level 5 Primer/Surfacer system. To a level 4 drywall surface, apply one coat by airless spray with all filters removed, using a .027 to .031 tip, at approximately 8 mils wet (or 200 square feet per gallon) for full coverage. Allow to dry approximately 8 - 10 hours and apply 2 coats of the desired finish.

As a texture finish, Tuff Surface Interior Acrylic Texture is generally applied as a two coat, self priming system.

Or you can prime bare surfaces with:

Block	Loxon Acrylic Block Surfacer
Drywall	ProMar 200 Zero VOC Interior Latex Primer
Masonry	Loxon Concrete & Masonry Primer/Sealer
Plaster	Premium Wall & Wood Primer
Wood	Premium Wall & Wood Primer

When applied over an existing coating, you MUST make sure that the existing coating is in good condition and tightly adhering to the surface. Coatings with poor adhesion must be removed.

This can be topcoated with any interior latex coating in any desired color or finish.

A44W350 Extra White Eg-Shel

Test Name	Test Method	Results
Algae Resistance	ASTM D5589	Pass
Flame & Smoke Rating	ASTM E84	Class A
Mildew Resistance	ASTM D5590-00	Pass
Pencil Hardness	ASTM D3363	2H
Permeability	ASTM-D1653	34.37 Eg-Shel
Viscosity		130-140 KU

A44W01050 Extra White Flat

Test Name	Test Method	Results
Algae Resistance	ASTM D5589	Pass
Flame & Smoke Rating	ASTM E84	Class A
Mildew Resistance	ASTM D5590-00	Pass
Pencil Hardness	ASTM D3363	2H
Permeability	ASTM-E96	21.61 Flat
Scrubs	ASTM D2486	>2500
Viscosity		130-140 KU

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
A44W350	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes
A44W1050	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes	Yes

Water Based Catalyzed Epoxy (B70-200 Series)

WATER BASED CATALYZED EPOXY is a two-component water based, catalyzed, acrylic epoxy resin coating formulated for high performance use in industrial and commercial environments.

- Chemical resistant
- Impact and abrasion resistant
- Flash rust resistant
- Outstanding application properties
- Suitable for use in USDA inspected facilities

Finish: Gloss and Semi-Gloss
Color: Wide range of colors available

Gloss Extra White B70W00211/B60V15

Volume Solids: 38% ± 2%, mixed, may vary by color
Weight Solids: 47% ± 2%, mixed, may vary by color
VOC: <150 g/L; <1.25 lb/gal, mixed, White
<200 g/L; <1.67 lb/gal, mixed, Deep & UDB
Mix Ratio: premeasured 4:1
Recommended Spread Rate per coat:
Wet mils: 6.5 - 8.0
Dry mils: 2.5 - 3.0
Coverage: 203 - 243 sq ft/gal approximate

Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 8.0 mils wet @ 50% RH:

	@ 55°F	@ 77°F	@ 120°F
To touch:	2 hours	1 hour	20 minutes
Tack free:	4 hours	2 hours	30 minutes
To recoat (minimum):	28 hours	18-24 hours	4 hours
To recoat (maximum)*	30 days	30 days	30 days
To cure:	20 days	14 days	7 days
Pot Life:	48 hours	36 hours	16 hours
Sweat-in-Time:	60 minutes	30 minutes	30 minutes

*If maximum recoat time is exceeded, abrade surface before recoating.

Drying times are temperature, humidity and film thickness dependent.

Flash Point: N.A.

Temperature: 55°F minimum, 100°F maximum
air, surface, and material
at least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. *Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Water
Airless Spray
Pressure .....2000 psi
Hose .....1/4" ID
Tip.....015"
Filter.....100 mesh
Reduction .....as needed up to 12½% by volume
Brush .....Nylon/Polyester
Roller .....3/8" woven with solvent resistant core

Steel, acrylic primer:
1 ct. Pro Industrial Pro-Cryl Acrylic Primer
2 cts. Water Based Catalyzed Epoxy
Steel, alkyd primer:
1 ct. Kem Bond HS Alkyd Primer
2 cts. Water Based Catalyzed Epoxy
Aluminum/Galvanized Metal:
2 cts. Water Based Catalyzed Epoxy
Concrete (CMU):
1 ct. Pro Industrial Heavy Duty Block Filler
2 cts. Water Based Catalyzed Epoxy
Masonry/Smooth: (Weathered or soft masonry)
1ct. Loxon Concrete and Masonry Primer
Or
1ct. Loxon Acrylic Conditioner
2cts. Water Base Catalyzed Epoxy
Wood, Exterior:(For high performance aesthetics:)
1ct. Exterior Oil-Based Wood Primer
1ct. Water Base Catalyzed Epoxy
1ct: Pro Industrial Water Base Acrolon 100
Wood, interior:
1 ct. Premium Wall and Wood Primer
2 cts. Water Based Catalyzed Epoxy
Wallboard:
1 ct. ProMar 200 Zero VOC Latex Primer
2 cts. Water Based Catalyzed Epoxy

System Tested:
1 ct. Water Based Epoxy @ 3.0 mils dft (unless otherwise noted)
Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Abrasion Resistance	ASTM D2486	>500 cycles
Adhesion[1]	ASTM D3359	4B
Dry Heat Resistance	ASTM D2485	250°F
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Scrub Resistance	ASTM D2486	4,800 cycles

Chemical Resistance: Incidental contact
Excellent resistance to: Tap water,10% Acetic Acid, 10% Sodium Hydroxide
Great resistance to: Ethanol, Toluene, Mineral Spirits, 10% Sulphuric Acid, Motor Oil
Limited resistance to: MEK

[1] 1 ct. Water Based Epoxy over 1 ct. Pro Industrial Pro-Cryl Universal Prime

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 Voc
White Base	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No
Deep & UD Base	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No

WoodScapes® Exterior Acrylic Solid Stain, A15 Series

WoodScapes Exterior Acrylic Solid Color Stain provides a long lasting, mildew resistant coating with excellent penetration for protecting most vertical exterior wood surfaces. This can be applied at air, surface and material temperatures as low as 35°F.

Color: Solid stain colors
Recommended Spread Rate per coat:
200-400 sq ft/gal
@ 4-8 mils wet; 1.3-2.6 mils dry
Coverage depends on the porosity and texture of the wood. New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.
Drying Schedule @ 50% RH:

	@ 35-45°F	**@ 45°F +**
Touch:	2 hours	2 hours
Recoat:	24-48 hours	5 hours

Air and surface temperatures must not drop below 35°F for 48 hours after application. Drying times are temperature, humidity and film thickness dependent.
Finish: 0 - 10 @ 85°
Flash Point: N/A
Extra White A15W00051(varies by base)
VOC (less exempt solvents)**:** 87 g/L; 0.73 lb/gal
Volume Solids: 33 ± 2%
Weight per Gallon: 10.87 lb

Temperature: 35°F minimum
air, surface, and material
at least 5°F above dew point
The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

Clean up ..... Water
Airless Spray
Pressure ..... 2200 - 2400 psi
Tip ..... .019" - .021
Brush ..... Nylon/Polyester
Roller ..... 3/8" - 3/4" nap synthetic cover

Wood, Plywood, Composition Board
2 cts. WoodScapes Exterior Acrylic Solid Stain
For the best performance, and to achieve the warranty protection, apply two coats. A sample brushout is recommended to ensure color satisfaction.

After spray applying the material, while the material is still wet, back roll or back brush to force the material into the wood fibers and to achieve a uniform appearance.

Stain the wall area first, then the trim/windows, starting at the top and working down. Stain from a dry area into an adjoining wet stain area.

Important:
All stains tend to lap (dark lines where two freshly coated areas overlap). To minimize lapping:
- Do not stain in direct sun or on a hot surface.
- Stain from a dry area into the adjoining wet stain area.
- Keep the leading edge wet and distribute the finish evenly.
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones.
- Stain a board from end to end.
- Use two coats on badly weathered or unfinished wood.

Mill Glaze is a glossy finish on some new, smooth-sawn wood or on the peaks of some textured woods. This must be removed by sanding to allow the stain to penetrate.

Mildew Resistant—This product contains agents which inhibit the growth of mildew on the surface of this coating.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA	NA	NA	Yes

WoodScapes® Exterior Polyurethane Semi-Transparent Stain (A15T00005)

WoodScapes Waterbased Exterior Polyurethane Semi-Transparent Stain provides a lasting, mildew resistant film with excellent penetration for protecting most exterior vertical wood surfaces. This product can be applied at air, surface and material temperatures as low as 35°F.

Color: Semi-Transparent stain colors

Recommended Spread Rate per coat:

Rough/porous: 100-200 sq ft/gal

Smooth: 350 sq ft/gal

Coverage depends on the porosity and texture of the wood. New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.

Two coats are necessary to achieve the selected color. Wait the appropriate recoat time for the first coat to dry.

Drying Schedule @ 50% RH:

	@ 35-45°F	**@ 45°F +**
Touch:	2 hours	2 hours
Recoat:	24-48 hours	5 hours

When applying a second coat, it must be applied within 30 days of the first coat.

Air and surface temperatures must not drop below 35°F for 48 hours after application. Avoid using if rain or snow is expected within 2-3 hours of application. Drying times are temperature, humidity and film thickness dependent.

	A15T00005
Finish:	0 units @ 85°
Flash Point:	N/A
VOC (total)**:**	58 g/L; 0.48 lb/gal
VOC (less exempt solvents)**:**	420 g/L; 3.50 lb/gal
Volume Solids:	8 ± 2%
Weight per Gallon:	8.54 lb

Temperature: 35°F minimum
air, surface, and material
at least 5°F above dew point

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

Clean up ..... Water

Airless Spray

Pressure ..... 2000 psi

Tip ..... .015" - .017

Reduction ..... as needed up to 1 pt/gal

Brush ..... Nylon/Polyester

Roller ..... 3/8" - 3/4" nap synthetic or lambswool cover

Wood, Plywood

2 cts. WoodScapes Exterior Semi-Transparent Polyurethane Stain

For the best performance, and to achieve the warranty protection, apply two coats. A sample brushout is recommended to ensure color satisfaction.

When applying a second coat, it must be applied within 30 days of the first coat. After 30 days, test the absorbency of the wood by sprinkling water on the surface. If the water does not bead up and penetrates into the wood quickly, the wood is ready to refinish. If the water beads up or does not penetrate, allow the wood to weather longer and test for absorbency again.

Important:

All stains tend to lap (dark lines where two freshly coated areas overlap). To minimize lapping:

- Do not stain in direct sun or on a hot surface.
- Stain from a dry area into the adjoining wet stain area.
- Keep the leading edge wet and distribute the finish evenly.
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones.
- Stain a board from end to end.
- Use two coats on badly weathered or unfinished wood.
- Maintenance clean by using a non chlorinated bleach alternative.
- Always apply product to a small test area and allow to dry completely before coating the entire project to ensure desired color and appearance.

Mill Glaze is a glossy finish on some new, smooth-sawn wood or on the peaks of some textured woods. This must be removed by sanding to allow the stain to penetrate.

Mildew Resistant—This product contains agents which inhibit the growth of mildew on the surface of this coating.

Complies with	OTC	OTC Phase II	SCAQMD	CARB	CARB SCM 2007	Canada	MPI #	LEED® 09 CI, NC	LEED® 09 CS	LEED® v4 Emissions	LEED® v4 VOC
	Yes	Yes	Yes	Yes	Yes	Yes	No	NA	NA	NA	Yes

From trusted OEMs to regional market leaders, wood finishers worldwide rely on local solutions from Sherwin-Williams to help beautify and protect their products. SHER-WOOD has been a part of Sherwin-Williams Product Finishes for many years. SHER-WOOD products have a very strong following throughout the U.S., Canada and even worldwide, thanks to SHER-WOOD's reputation for premium performance. You will discover what thousands of loyal Sherwin-Williams customers already know, we're focused on solutions that help finishers make their products better.

Sherwin-Williams and SHER-WOOD represents the next generation of wood finishing. Our innovative technologies provide performance advantages, even in VOC restricted areas. In addition to a full range of stains, sealers, undercoaters, clears, and pigmented products, we offer a wide range of VOC acceptable products that are less than 550 g/L and less than 275 g/L. We've added new tintable products to our SHER-WOOD Wood Finishing system line-up, making it the most comprehensive in the industry. This extensive line includes other innovative products like SHER-WOOD Pro, SHER-WOOD F3, Precat Lacquers, Sealers and Conversion Varnishes.

SHER-WOOD Pro High Build Self Seal Satin Lacquer is designed for both commercial contractors and builders in the new home construction market. This self-sealing nitrocellulose lacquer works as both a sealer and finish in one. This eliminates soft sanding sealers being used as finishes.

The SHER-WOOD F3 line of finishes are engineered to be formaldehyde free at application, during and following curing. F3 Hi-Build Precat Lacquer features good vertical hang characteristics and meets KCMA requirements as a self-seal system.

SHER-WOOD KEMVAR Conversion Varnishes are the complete top of the line systems that are tailored to fit your customers finishing needs.

SHER-WOOD KEM AQUA line of sealers and finishes enhance the natural beauty of wood while meeting the needs of the growing number of environmentally conscious customer.

These are just a few of the SHER-WOOD products that have few equals in the wood care market. By combining SHER-WOOD's renowned quality with the powerful impact of the Sherwin-Williams name, we provide exceptional finishing solutions to wood finishers.

Sherwin-Williams Associated Products

Duckback® Products: Manufacturer of the Superdeck line for wood, Mason's Select line for concrete and a selection of specialty products which compliment those lines. 1-800-825-5382 www.superdeck.com

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Firetex®: A complete line of solvent free epoxy intumescent coatings for hydrocarbon fire protection, including offshore and onshore applications. 1-800-524-5979 www.sherwin-williams.com/protective.

General Polymers Flooring: Innovative solutions for industrial and decorative floor systems, epoxy terrazzo, ESD/conductive systems, wall systems and MVE remediation. Serving the food & beverage market as well as pharmaceutical and healthcare markets. 1-800-524-5979 www.generalpolymers.com

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Krylon® Products Group: Krylon is known as an industry leader in aerosol product innovation, package design, project inspiration and color. Offers a wide range of products for the home and commercial applications which include primers, multi-purpose, plastic, specialty, rust preventative, brush-on and craft products. 1-800-457-9566 www.krylon.com

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Minwax®: Manufactures a full line of interior wood preparation products, oil and water based wood stains, one step stain and finishes, oil and water based protective finishes and floor finishes. 1-800-523-9299 www.minwax.com

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Uniflex: Fluid applied roofing systems for commercial applications including aluminum finish coats, asphalt emulsions, primers, elastomeric base and finish coats as well as patch and repair accessories. 1-888-321-3539 www.uniflexroof.com

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