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SCHEDULE

Exterior Finishes

Steel (Roof Deck)

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer
Finish: A06W00151 - A-100® Exterior Latex Flat

Wood (Roof Deck)

Primer: Y24W08020 - Exterior Oil-Based Wood Primer
Finish: A06W00151 - A-100® Exterior Latex Flat

Wood (Seats)

Finish: SD7W00151 - SPRDK SLD CLR EW

Concrete Block (CMU) (Dugouts)

Spot Prime: A24W08300 - Loxon® Concrete & Masonry Primer, Interior/Exterior Latex
Finish: A89W00151 - SuperPaint® Exterior Latex Satin

Steel (Handrail)

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer
Finish: B66W00651 - Pro Industrial High Performance Acrylic - Semi-Gloss

Steel (Floor surface)

Finish: B70W08111 - AS FPLX 8100 EXW A

Steel (Doors)

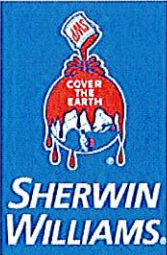
Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer
Finish: B66W00651 - Pro Industrial High Performance Acrylic - Semi-Gloss

Aluminum (window frames)

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer
Finish: B66W00651 - Pro Industrial High Performance Acrylic - Semi-Gloss

END OF SECTION

Data Pages



PRO INDUSTRIAL™

113.05

PRO-CRYL® UNIVERSAL PRIMER

As of 09/11/2015. Complies with:		
OTC	Yes	LEED® 09 CI Yes
SCAQMD	Yes	LEED® 09 NC Yes
CARB	Yes	LEED® 09 CS Yes
CARB SCM 2007	Yes	LEED® 09 S Yes
MPI	107,134	NGBS Yes

B66W00310
B66A00310
B66N00310

OFF WHITE
GRAY
RED OXIDE

CHARACTERISTICS

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.

- Rust inhibitive
- Single component
- Early moisture resistant
- Fast dry
- Low temperature application 40°F
- Interior and exterior use
- Suitable for use in USDA inspected facilities

Color: Off White, Gray, Red Oxide

Recommended Spread Rate per coat:

Wet mils: 5.0 - 10.0
Dry mils: 1.8 - 3.6
~Coverage: 160 - 230 sq ft/gal
Approximate

Theoretical coverage sq ft/gal

(m²/L) @ 1 mil / 25 microns dft 577sq ft
NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Time @ 6.0 mils wet 50% RH:

	40°F	77°F	120°F
To touch:	2 hrs	40 min	20 min
Tack free:	8 hrs	2 hrs	1 hr
To recoat:	16 hrs	4 hrs	2 hrs

To cure: 45 days 30 days 14 days
Drying time is temperature, humidity, and film thickness dependent.

Finish: Low sheen

Flash Point: N/A

Shelf Life: 36 months, unopened
Store indoors at 40°F to 100°F.

Tinting: Do not tint

B66W310 (may vary by color)

VOC (less exempt solvents):

96 g/L; 0.80 lb/gal

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

Volume Solids: 36% ± 2%

Weight Solids: 49% ± 2%

Weight per Gallon: 10.23 lb

RECOMMENDED SYSTEMS

Waterborne topcoat:

- 1-2 cts. Pro Industrial Acrylic
- or Pro Industrial DTM Acrylic
- or Pro Industrial Multi-Surface Acrylic
- or Pro Industrial Pre-Catalyzed Waterbased Epoxy
- or Pro Industrial Waterbased Acrolon 100
- or Pro Industrial Waterbased Catalyzed Epoxy

Solventborne topcoat:

- 1-2 cts. Pro Industrial High Performance Epoxy
- or Pro Industrial Urethane Alkyd

Pro Industrial Pro-Cryl Universal Primer B66W310 Off White is GREENGUARD GOLD certified for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

System Tested: (unless otherwise indicated)

Substrate: Steel
Surface Preparation: SSPC-SP10
1 ct. Pro Industrial Pro-Cryl Universal Primer
1 ct. Pro Industrial Acrylic

Adhesion:

Method: ASTM D4541
Result: 500 psi

Moisture Condensation Resistance:

Method: ASTM D4585, 100°F, 1250 hours
Result: Passes

Corrosion Weathering:

Method: ASTM D5894, 10 cycles, 3360 hours
Result: Passes

Pencil Hardness:

Method: ASTM D3363
Result: H

Direct Impact Resistance:

Method: ASTM D2794
Result: >140 in. lbs.

Salt Fog Resistance:

Method: ASTM B117, 1250 hours
Result: Passes

Dry Heat Resistance*:

Method: ASTM D2485
Result: 200°F

Provides performance comparable to products formulated In Lieu of Federal Specification: AA50557 and Paint Specification: SSPC-Paint 23.

Flexibility:

Method: ASTM D522, 180° bend, 1/4" mandrel
Result: Passes

*Suitable for intermittent dry heat resistance up to 300°F when used as a system with Sher-Cryl HPA



SURFACE PREPARATION

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.

Do not use hydrocarbon solvents for cleaning.

Iron & Steel - Minimum surface preparation is Hand Tool Cleaning per SSPC-SP2. Remove all oil and grease from the surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6.

Aluminum - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaned.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. 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 patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

Previously Painted Surfaces - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

APPLICATION PROCEDURES

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate will adversely affect coating performance.

SAFETY PRECAUTIONS

Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY**
 Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

PERFORMANCE TIPS

No painting should be done immediately after a rain or during foggy weather. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping.

APPLICATION

Refer to the SDS before using
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 compatible with the existing environmental and application conditions.

Reducer: Water

Airless Spray

Pressure2000 psi
 Hose 1/4" ID
 Tip015" - .019"
 Filter 60 mesh
 ReductionNot recommended

Conventional Spray

Gun Binks 95
 Fluid Nozzle 66
 Air Nozzle 63PB
 Atomization Pressure60 psi
 Fluid Pressure25 psi
 ReductionAs needed up to 5% by volume

Brush Nylon/Polyester
 ReductionNot recommended

Roller3/8" woven
 ReductionAs needed up to 5% by volume

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

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

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 KOR, FRC, SP



**SHERWIN
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102.02

A-100[®]
Exterior Latex
Flat
A6-100 Series

As of 12/01/2012. Complies with:			
OTC	Yes	LEED® 09CI	N/A
SCAQMD	Yes	LEED® 09NC	N/A
CARB	Yes	LEED® 09CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI#	10	NGBC	N/A

CHARACTERISTICS

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.

Color: Most colors
To optimize hide and color development, always use the recommended P-Shadow primer

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.2 mils dry

Drying Time, @ 50% RH:
@ 35-45°F @ 45°F +

Touch: 2 hour 2 hours
Recoat: 24-48 hours 4 hours

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

Flash Point: N/A

Finish: 0-5 units @ 85°

Tinting with CCE:

Base oz/gal Strength

Extra White 0-5 100%

Deep Base 4-12 100%

Ultradeep Base 4-12 100%

Vehicle Type: 100% Acrylic

A06W00151

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 Solids: 52 ± 2%

Weight per Gallon: 11.4 lb

WVP Perms (US) 36.7
grains/(hr ft² in Hg)

Mildew Resistant

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

SPECIFICATIONS

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

Aluminum & Aluminum Siding¹

2 cts. A-100 Exterior Latex

Concrete Block, CMU, Split face Block

1 ct. Loxon Block Surfer

2 cts. A-100 Exterior Latex

Brick

1 ct. Loxon Conditioner²

2 cts. A-100 Exterior Latex

Cement Composition Siding/Panels

1 ct. Loxon Concrete & Masonry Primer²

or Loxon Conditioner²

2 cts. A-100 Exterior Latex

Galvanized Steel¹

2 cts. A-100 Exterior Latex

Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²

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

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.

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.

SURFACE PREPARATION

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.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Aluminum and Galvanized Steel

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

Cement Composition Siding/Panels

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, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.



**SHERWIN
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A-100[®]
Exterior Latex
Flat
A6-100 Series

<u>SURFACE PREPARATION</u>	<u>SURFACE PREPARATION</u>	<u>CAUTIONS</u>
<p>Masonry, Concrete, Block All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Acrylic Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>Steel Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 5-7 days and prime with Loxon Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.</p> <p>Wood, Plywood, Composition Board Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p>	<p>Mildew Remove 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.</p> <p style="text-align: center;"><u>APPLICATION</u></p> <p>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.</p> <p>Brush Use a nylon/polyester brush.</p> <p>Roller Use a 3/8" - 3/4" nap synthetic cover.</p> <p>Spray—Airless Pressure..... 2000 psi Tip..... .015"-.019"</p> <p style="text-align: center;"><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>For exterior use only. Protect from freezing. Non-photochemically reactive.</p> <p>LABEL CAUTIONS CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, 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. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 03/25/2013 A06W00151 24 47</p> <p>The Information and recommendations set forth in this Product Data Sheet 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. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p>



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109.31

EXTERIOR OIL-BASED Wood Primer

Y24W8020 (US)
Y24WQ8820 (Canada)

As of 03/01/2017, Complies with:			
OTC	Yes	LEED® 09 CI	No
OTC Phase II	No	LEED® 09 NC	No
SCAQMD	No	LEED® 09 CS	No
CARB	Yes	LEED® V4 Emissions	No
CARB SCM2007	No	LEED® V4 VOC	No
Canada	Yes	MPI®	Yes

DESCRIPTION	CHARACTERISTICS	SURFACE PREPARATION
<p>Exterior Oil-Based Wood Primer is designed for blocking tannin, water, and other stains on exterior wood, manufactured siding, hardboard, rough sawn siding, and trim as a spot primer or overall primer.</p> <ul style="list-style-type: none"> • Penetrates and seals bare wood for strong adhesion and a long lasting finish • Blocks stains from water, wood tannins and knots • Resists mildew <p>For use on these surfaces:</p> <ul style="list-style-type: none"> • Pine • Fir • Cedar • Redwood • Oak • Maple • Ash • Hardboard • Primed Metal • Previously Painted Surfaces <p>Mildew Resistant This coating contains agents which inhibit the growth of mildew on the surface of this coating film.</p>	<p>Color: White</p> <p>Coverage: 350 - 400 sq ft/gal @ 4 mils wet; 2.3 mils dry</p> <p>Drying Time, @ 50% RH: @ 35-45°F @ 45°F+</p> <p>Touch: 4-8 hours 2-4 hours</p> <p>Recoat: 24-48 hours 24 hours</p> <p><small>Drying and recoat times are temperature, humidity and film thickness dependent.</small></p> <p>Flash Point: 115°F, PMCC</p> <p>Finish: 0-18 units @ 85°</p> <p>Vehicle Type: Alkyd</p> <p>Y24W08020</p> <p>VOC (less exempt solvents): 317 g/L; 2.64 lb/gal <small>As per 40 CFR 59.406 and SOR/2009-264, s.12</small></p> <p>Volume Solids: 59 ± 2%</p> <p>Weight Solids: 77 ± 2%</p> <p>Weight per Gallon: 11.42 lb</p> <p>WVP Perms (US) 2.7 grains/(hr ft² in Hg)</p> <p>Tinting Requires Blend-A-Color Toner for tinting. For best color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of Blend-A-Color Toner can be used to approximate the topcoat color. Check color before use.</p> <p>When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.</p> <p>For exterior exposure, this primer must be topcoated within 14 days with architectural latex or oil finishes.</p>	<p>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.</p> <p>Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.</p> <p>Seal stains from water, smoke, ink, pencil, grease, etc. with an appropriate primer sealer.</p> <p>Wood, Composition Board - Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. Spot prime knots and sap streaks.</p> <p>On woods that present potential tannin bleeding, such as redwood and cedar, Exterior Oil-Based Wood Primer can be used. Care must be taken to determine if tannins will be activated by the solvent 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 bleeding occurs, use Exterior Latex Wood Primer.</p>



**SHERWIN
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109.31

EXTERIOR OIL-BASED Wood Primer

Y24W8020 (US)
Y24WQ8820 (Canada)

<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p>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.</p> <p>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.</p> <p>Caulking Fill gaps between windows, doors, trim, and other through-wall openings with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 35°F. No reduction necessary.</p> <p>Brush Use a natural bristle brush</p> <p>Roller Use a 3/8" - 3/4" nap synthetic cover</p> <p>Airless Spray Pressure2000 psi Tip..... .019"-.021"</p> <p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, and tools immediately with compliant clean up solvent. Follow manufacturer's safety recommendations when using solvents.</p> <p>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 in accordance with local fire regulations.</p>	<p>For exterior use only. Non-photochemically reactive. Not for use on horizontal surfaces, such as a roof, deck, or floor, or where water may collect.</p> <p>Before using, carefully read CAUTIONS on label.</p> <p>HOTW 03/01/2017 Y24W08020 34 317 FRC</p> <p>The information and recommendations set forth in this Product Data Sheet 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. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.</p>



114.70A

SUPERDECK®

Exterior Waterborne Solid Color Stain

SD7W00151 Extra White
SD7W00153 Deep Base
SD7T00154 Ultradeep Base

As of 10/12/2016, Complies with:			
OTC	Yes	LEED® 09 NC, CI	N/A
OTC Phase II	Yes	LEED® 09 CS	N/A
SCAQMD	Yes	LEED® 09 H	N/A
CARB	Yes	LEED® v4 Emissions	N/A
CARB SCM 2007	Yes	LEED® v4 VOC	Yes
MPI			

DESCRIPTION	CHARACTERISTICS	SURFACE PREPARATION																										
<ul style="list-style-type: none"> 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 prepped and stained in one day, not to exceed 25% moisture content This coating contains agents that inhibit the growth of mildew on the surface of the coating <p>Use on wood:</p> <table border="0"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> Decks Steps Rails Spindles Patios Walkways Outdoor Wood Furniture </td> <td style="vertical-align: top;"> <p>Use on:</p> <ul style="list-style-type: none"> Pressure Treated (CCA, ACQ, CA) Cedar, Redwood Pine Cypress Fir, Spruce Most Composite* Decking Materials </td> </tr> </table> <p>Tips: Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:</p> <ul style="list-style-type: none"> 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 Quickly remove puddles and excess material by redistributing to dry areas or wiping up 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 Always apply product to a small test area and allow to dry completely before coating the entire project to ensure desired color and appearance Do not apply over sealed surfaces <p>* Consult composite deck manufacturer for staining procedures</p>	<ul style="list-style-type: none"> Decks Steps Rails Spindles Patios Walkways Outdoor Wood Furniture 	<p>Use on:</p> <ul style="list-style-type: none"> Pressure Treated (CCA, ACQ, CA) Cedar, Redwood Pine Cypress Fir, Spruce Most Composite* Decking Materials 	<p>Color: solid stain and exterior colors A sample brushout is recommended to ensure color satisfaction.</p> <p>Coverage: 200-400 sq ft/gal @ 4-8 mils wet; 1.2-2.5 mils dry 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.</p> <p>Drying Time @ 50% RH: temperature and humidity dependent</p> <table border="0"> <tr> <td style="text-align: right;">77° - 90°F</td> <td style="text-align: right;">Touch:</td> <td style="text-align: right;">Recoat:</td> </tr> <tr> <td style="text-align: right;">45° - 77°F</td> <td style="text-align: right;">1 hour</td> <td style="text-align: right;">2 hours</td> </tr> <tr> <td style="text-align: right;">35° - 45°F</td> <td style="text-align: right;">2 hours</td> <td style="text-align: right;">5 hours</td> </tr> <tr> <td></td> <td style="text-align: right;">2 hours</td> <td style="text-align: right;">24-48 hours</td> </tr> </table> <p>To use: 24 hours @77° Drying and recoat times are temperature, humidity, and film thickness dependent 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.</p> <p>Finish: Slight sheen Flash Point: N/A</p> <p>Tinting with CCE:</p> <table border="0"> <thead> <tr> <th>Base</th> <th>oz/gal</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td>Extra White</td> <td>0-6</td> <td>SherCOLOR</td> </tr> <tr> <td>Deep Base</td> <td>4-10</td> <td>SherCOLOR</td> </tr> <tr> <td>Ultradeep Base</td> <td>10-12</td> <td>SherCOLOR</td> </tr> </tbody> </table> <p>Vehicle Type: Acrylic Latex</p> <p style="text-align: center;">Extra White SD7W00151</p> <p>VOC (less exempt solvents): 95 g/L; .077 lb/gal As per 40 CFR 59.406 and SOR/2009-264, s.12</p> <p>Volume Solids: 31 ± 2% Weight Solids: 46 ± 2% Weight per Gallon: 10.55 lb</p>	77° - 90°F	Touch:	Recoat:	45° - 77°F	1 hour	2 hours	35° - 45°F	2 hours	5 hours		2 hours	24-48 hours	Base	oz/gal	Strength	Extra White	0-6	SherCOLOR	Deep Base	4-10	SherCOLOR	Ultradeep Base	10-12	SherCOLOR	<p>WARNING! Removal of old coatings 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.</p> <p>Clean all surfaces completely with the appropriate cleaner based on the conditions. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.</p> <p>SuperDeck Deck Wash</p> <ul style="list-style-type: none"> Mildew stain Algae stain Weathered wood (bleaches wood) Gray wood (bleaches wood) <p>SuperDeck Revive™</p> <ul style="list-style-type: none"> Tannin Bleed Nail stain Weathered wood (restores color) Gray wood (restores color) Mill Glaze <p>SuperDeck Stain & Sealer Remover</p> <ul style="list-style-type: none"> Weathered, gray wood Old Paint & Stain <p>Carefully follow all label instructions. Thoroughly rinse the surface to remove all residue and allow to thoroughly dry before coating. Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather 1 to 2 weeks and test for absorbency again.</p>
<ul style="list-style-type: none"> Decks Steps Rails Spindles Patios Walkways Outdoor Wood Furniture 	<p>Use on:</p> <ul style="list-style-type: none"> Pressure Treated (CCA, ACQ, CA) Cedar, Redwood Pine Cypress Fir, Spruce Most Composite* Decking Materials 																											
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114.70A

SUPERDECK®

Exterior Waterborne Solid Color Stain

SD7W00151 Extra White
 SD7W00153 Deep Base
 SD7T00154 Ultradeep Base

<u>APPLICATION</u>	<u>COATING SOLUTION</u>	<u>CAUTIONS</u>
<p>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. All surfaces must be clean, dry, and free from dirt, mildew stains, dust and other foreign matter. Be sure to follow directions for maximum product performance.</p> <p>Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints. For best results apply in shade with surface temperatures between 50°F and 90°F. Do not apply if temperatures will fall below 35°F or if rain or snow is expected within 24 hours after application. Cooler temperatures require longer drying times.</p> <p>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.</p> <p>No reduction necessary. Brush - Use a nylon/polyester brush Roller - Use a 3/8" - 3/4" nap cover Spray—Airless Pressure2200 - 2400 psi Tip..... .015"-.019"</p> <p>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.</p> <p>Do not apply more than two coats.</p>	<p>Which product is the best for my project:</p> <p>SuperDeck Exterior Waterborne Clear Sealer</p> <ul style="list-style-type: none"> • Protects wood from sun while allowing the wood to gray naturally • Water repellents make water bead up, protecting against cracking, splitting, and warping of wood • Leaves a protective coating that resists discoloration caused by mildew <p>SuperDeck Exterior Oil-Based Transparent</p> <ul style="list-style-type: none"> • Lasting, penetrating, oil-based formula • Enriches wood appearance with a light tone • UV protection resists graying • Repels water to prevent moisture damage <p>SuperDeck Exterior Waterborne Semi-Transparent Deck Stain</p> <ul style="list-style-type: none"> • Provides a lasting, mildew-resistant film • Excellent penetration for protecting horizontal exterior wood surfaces • Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day <p>SuperDeck Exterior Oil-Based Semi-Transparent Stain</p> <ul style="list-style-type: none"> • A lasting penetrating formula that protects the wood with a rich semi-transparent stain • One coat coverage on most woods • Scuff-resistant formula with UV protection that resists fading • Repels water to prevent moisture damage <p>SuperDeck Waterborne Solid Color Deck Stain</p> <ul style="list-style-type: none"> • Waterborne, 100% acrylic resin • Provides mildew resistant coating • Use over existing paint or stain • Can be applied to damp surfaces, allowing surfaces to be prepped and stained in one day 	<p>This product must be applied outdoors to wood intended for exterior use only. Not for interior use. Do not use on roofs. Do not varnish or use a clear overcoat. Not for use on garage floors, driveways, or automobile traffic areas.</p> <p>Before using, carefully read CAUTIONS on label.</p> <p>HOTW 10/12/2016 SD7W00151 04 95 FRC,SP,KOR</p>
<p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p>	<p>For more stain information and product choices visit www.sherwin-williams.com.</p> <p>For Vertical surfaces - walls, siding, etc, use WoodScapes® Exterior Acrylic Solid Color Stain or WoodScapes® Exterior Polyurethane Semi-Transparent Stain.</p>	<p>The information and recommendations set forth in this Product Data Sheet 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. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.</p>



**SHERWIN
WILLIAMS.**

LOXON®

**Concrete & Masonry Primer/Sealer
Interior/Exterior Latex
A24W8300**

As of 12/22/2014, complies with:			
OTC	Yes	LEED® 09 CI	Yes
SCAQMD	Yes	LEED® 09 NC	Yes
CARB	Yes	LEED® 09 CS	Yes
CARB SCM2007	Yes	LEED® H	Yes
MPI	Yes	NGBS	Yes

DESCRIPTION	CHARACTERISTICS	SURFACE PREPARATION
<p>Loxon Concrete & Masonry Primer/Sealer 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.</p> <ul style="list-style-type: none"> • Seals and adheres to concrete, brick, stucco and plaster • Conditions porous masonry surfaces • Use on above grade masonry surfaces for a long-lasting finish • Apply to masonry and concrete surfaces that are at least 7 days old. • Prevents harm to subsequent coatings by alkalis in the substrate <p>For use on these surfaces:</p> <ul style="list-style-type: none"> • Concrete • Concrete Block • Brick • Stucco • Fiber Cement Siding • Plaster • Mortar • EIFS Exterior Wall Cladding 	<p>Color: White</p> <p>Coverage: 200-300 sq ft/gal 5.3 - 8.0 mils wet 2.1 - 3.2 mils dry</p> <p>Coverage on porous & rough stucco 80 square feet per gallon</p> <p>Drying Time, @ 77°F, 50% RH:</p> <p>Touch: 4 hours Recoat: 24 hours</p> <p><small>Drying and recoat times are temperature, humidity and film thickness dependent.</small></p> <p>Finish: 0-10 units @ 85°</p> <p>Flash Point: N/A</p> <p>Vehicle Type: Acrylic</p> <p>A24W08300</p> <p>VOC (less exempt solvents): <50 g/L; 0.42 lb/gal</p> <p><small>As per 40 CFR 59.406 and SOR/2009-264, s.12</small></p> <p>Volume Solids: 41 ± 2%</p> <p>Weight Solids: 55 ± 2%</p> <p>Weight per Gallon: 10.92 lb</p> <p>WVP Perms (US) 22.3 grains/(hr ft² in Hg)</p> <p>Tinting - For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of ColorCast Ecotones can be used to approximate the topcoat color. Check color before use.</p>	<p>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.</p> <p>Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull.</p> <p>Masonry/Concrete/Stucco All new surfaces must cure for at least 7 days. Remove all form release and curing agents. Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding. Repair cracks, voids, and other holes with an appropriate patching compound or sealant.</p>
<p>PHYSICAL PROPERTIES</p> <p>Flexibility Passes ASTM D522 - Method B, 180° bend, 1/8" mandrel</p> <p>Alkali Resistance Passes Based on ASTM D1308</p> <p>Mildew Resistance Passes ASTM D3273/D3274</p>	<p>When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.</p> <p>For optimal performance, this primer/sealer must be topcoated with a latex, alkyd/oil, water based epoxy, or solvent based epoxy coating on architectural applications.</p> <p>For exterior use, this primer/sealer must be topcoated within 14 days to prevent degradation due to weathering.</p>	



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108.36

LOXON®

**Concrete & Masonry Primer/Sealer
Interior/Exterior Latex
A24W8300**

<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p>Mildew Remove 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.</p> <p>Caulking Fill gaps between windows, doors, trim, and other through-wall openings with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 50°F. No reduction necessary.</p> <p>Do not paint in direct sun or on a hot surface. May be applied to damp but not to wet surfaces.</p> <p>Brush Use a nylon/polyester brush</p> <p>Roller Use a 1/2" to 1-1/2" nap synthetic cover</p> <p>Airless Spray Pressure..... 2000-2700 psi Tip..... .019"</p> <p>Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.</p>	<p>Protect from freezing. Non-photochemically reactive.</p> <p>LABEL CAUTIONS CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, 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. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 12/22/2014 A24W08300 33 44</p> <p>KOR, SP, FR, Viet</p>
	<p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p>	<p>The information and recommendations set forth in this Product Data Sheet 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. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an MSDS.</p>



PRO

INDUSTRIAL™

113.03

ACRYLIC



B66-600 SERIES GLOSS
 B66-650 SERIES SEMI-GLOSS
 B66-660 SERIES EG-SHEL

As of 8/04/2016, Complies with:		
OTC	Yes	LEED® 09 NC, CI Yes
SCAQMD	Yes	LEED® 09 CS Yes
CARB	Yes	LEED® 09 H&S Yes
CARB SCM 2007	Yes	LEED® V4 Emissions Yes
MPI	Yes	LEED® V4 VOC Yes

CHARACTERISTICS

Pro Industrial Acrylic is an ambient cured, single component 100% acrylic coating. It is designed for interior and exterior industrial and commercial applications

- 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:

Wet mils: 6.0 - 12.0
 Dry mils: 2.1 - 4.2
 Coverage: 135 - 265 sq ft/gal

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

Drying Time @ 7.0 mils wet 50% RH:

@ 50°F @ 77°F @ 120°F
 To touch: 1 hr 30 min 5 min
 Tack free & 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
 N/A

Flash Point: N/A

Shelf Life: 36 months, unopened
 Store indoors at 40°F to 100°F.

Tinting with CCE only:

Base	oz/gal	Strength
Extra White	0-4	100%
Deep Base	8-12	100%
Ultradeep Base	8-12	100%

Extra White B66W00611

(may vary by color)

VOC (less exempt solvents): Unreduced:
 <50 g/L; <0.42 lb/gal
 as per 40 CFR 59.406 and SOR/2009-264, s. 12

Volume Solids: 35 ± 2%

Weight Solids: 44 ± 2%

Weight per Gallon: 9.5 lb/gal ±2%

RECOMMENDED SYSTEMS

Steel*:

2 cts. Pro Industrial Acrylic

Steel:

1 ct. Pro Industrial Pro-Cryl Primer
 or DTM Acrylic Primer/Finish
 or Kem Bond HS
 or Zinc Clad Primer
 1-2 cts. Pro Industrial Acrylic

Aluminum:

1-2 cts. Pro Industrial Acrylic

Aluminum:

1 ct. Pro Industrial Pro-Cryl Primer
 1-2 cts. Pro Industrial Acrylic

Concrete Block:

1 ct. Loxon 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 Primer

1-2 cts. Pro Industrial Acrylic

Galvanizing:

2 cts. Pro Industrial Acrylic

Prefinished Siding: (Baked-on finishes)

1 ct. DTM Bonding Primer

1-2 cts. Pro Industrial Acrylic

Wood, exterior:

1 ct. Exterior Wood Primer

1-2 cts. Pro Industrial Acrylic

Wood, interior:

1 ct. Premium Wall & Wood Primer

1-2 cts. Pro Industrial Acrylic

*Application of coating on unprimed steel may cause pinpoint rusting. Safety Colors, Deep Base, and Ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection.

System Tested: (unless otherwise indicated)

Substrate: Steel
 Surface Preparation: SSPC-SP10
 Finish: 2 cts. Pro Industrial Acrylic, B66W00651, 6.2 DFT

Adhesion:

Method: ASTM D4541
 Result: 1386 psi

Humidity Resistance*:

Method: ASTM D4585, 1500 hours
 Result: Rating 10 per ASTM D714 for blistering
 Rating 10 per ASTM D1654 for corrosion

Corrosion Weathering 8:

Method: ASTM D5894, 1500 hours, 5 cycles
 Result: Rating 10, per ASTM D714 for blistering
 Rating 9 per ASTM D1654 for corrosion

Pencil Hardness:

Method: ASTM D3363
 Result: 2B

Direct Impact Resistance:

Method: ASTM D2794
 Result: >160 in. lb

Salt Fog Resistance*:

Method: ASTM B117, 1500 hours
 Result: Rating 10 per ASTM D714 for blistering
 Rating 9 per ASTM D1654 for corrosion

Dry Heat Resistance:

Method: ASTM D2485
 Result: 250°F

Thermal Cycling:

Method: ASTM D2246, 5 cycles
 Result: Passes

Flexibility:

Method: ASTM D522, 180° bend, 1/8" mandrel
 Result: Passes

*over Pro Industrial Pro-Cryl Primer



SURFACE PREPARATION

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.

Do not use hydrocarbon solvents for cleaning.

Iron & Steel - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

Aluminum - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. 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 patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

Concrete and Masonry - For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI 03732, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacer. The filler/surfacer must be thoroughly dry before topcoating per manufacturer's recommendations. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

Wood - Surface must be clean, dry and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

Previously Painted Surfaces - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

APPLICATION PROCEDURES

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

SAFETY PRECAUTIONS

Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY.** Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

APPLICATION

Refer to the SDS before use.

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 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

Conventional Spray

Gun..... Binks 95
Fluid Nozzle..... 66
Air Nozzle..... 63PB
Atomization Pressure..... 50 psi
Fluid Pressure..... 15-20 psi
Reduction..... As needed up to 12½% by volume

Brush..... Nylon / polyester

Reduction..... Not recommended

Roller..... 3/8" woven

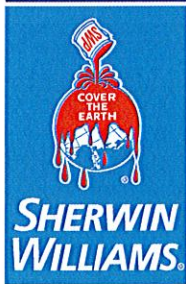
Reduction..... Not recommended

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

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 8/04/2016 B66W00611 14 00
KOR, FRC, SP



ArmorSeal
Heavy
Duty Floor
Coatings

ARMORSEAL® 8100
WATER BASED EPOXY FLOOR COATING

PART A
 PART A
 PART B

B70-8100 SERIES
B70-8160 SERIES
B70V8100

GLOSS
SATIN
HARDENER

Revised: March. 13, 2017

PRODUCT INFORMATION

8.18

PRODUCT DESCRIPTION

ARMORSEAL 8100 is the next generation in water based epoxy floor coatings; a two-component polyamine epoxy with excellent chemical and abrasion resistance that is breathable. It is designed for use in commercial, industrial and residential floor applications. A LEED 4.2 compliant material that 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. Available in a gloss or satin finish

- Breathable
- <50 g/L
- Color Retention, resists yellowing
- Resists disbondment due to Moisture Vapor Transmission (MVT)
- Ease of application

PRODUCT CHARACTERISTICS

Finish: Gloss or Satin
Color: Clear*, Tile Red, Deck Gray, Haze Gray and a wide range of tinted colors using CCE colorants
 Safety Colors
 Gloss only
 * For Clear, use the Ultra Deep Base (for more detail, see Application Bulletin Performance Tips)

Volume Solids: 41% ± 2%, mixed, may vary by color
Weight Solids: 50% ± 2%, mixed, may vary by color
VOC (EPA Method 24): <50 g/L; 0.42 lb/gal, mixed
Mix Ratio: 4:1 by volume

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	5.0 (125)	12.0 (300)
Dry mils (microns)	2.0 (50)	5.0 (125)
~Coverage sq ft/gal (m²/L)	130 (3.3)	320 (8.1)

NOTE: Brush or roll to cover base or vertical surfaces may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet (175 microns):

	@ 50°F/10°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	1 hour	45 minutes	25 minutes
To recoat*:			
minimum:	8 hours	6 hours	3 hours
maximum:	72 hours	72 hours	72 hours
To Cure	7 days	7 days	7 days
Foot Traffic:		18 hours	
Heavy Traffic:		48 hours	
<i>Drying time is temperature, humidity, and film thickness dependent.</i>			
<i>*If recoating after 72 hours abrade surface first.</i>			
Pot Life:	8 hours	5½ hours	3½ hours
Sweat-In-Time:	None	None	None

Shelf Life: Part A: 24months, unopened
 Part B: 36 months
 Store indoors at 40°F (4.5°C) to 100°F (38°C)

Flash Point: >230°F (110°C), Seta Flash, mixed

Reducer/Clean Up: Water

RECOMMENDED USES

Durable epoxy floor coating for general purpose use in industrial and commercial environments, such as:

- Warehouse Floors
- Garages
- Residential
- Automotive Showrooms
- Industrial and Commercial Floors
- Light manufacturing Plants
- Acceptable for use in USDA inspected facilities

PERFORMANCE CHARACTERISTICS

Substrate: Concrete

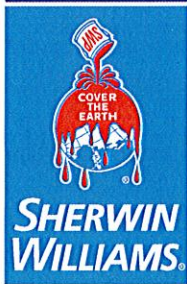
Surface Preparation: Clean, dry, sound

System Tested:

2 cts. ArmorSeal 8100 @ 2.0 - 4.0 mils (50-100 microns) dft

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 D 522	180° bend 1/8" mandrel
Impact Resistance	ASTM D2794	Direct 100 in.lb. Indirect 80 in.lb.
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
WVP Perms (US)	Grains(hr ft ² in Hg)	Gloss – 2.0 Satin – 5.0
Hot Tire Pick-up	ITM @ 140°F (60°C)	Passes

**Test method withdrawn in 2014 without replacement



ArmorSeal
Heavy
Duty Floor
Coatings

ARMORSEAL® 8100
WATER BASED EPOXY FLOOR COATING

PART A
 PART A
 PART B

B70-8100 SERIES
B70-8160 SERIES
B70V8100

GLOSS
SATIN
HARDENER

Revised: March. 13, 2017

PRODUCT INFORMATION

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RECOMMENDED SYSTEMS

	Dry Film Thickness / ct.	
	Mils	(Microns)
Concrete Floors, unpainted:		
1 ct. ArmorSeal 8100 (reduced with one pint of water per gallon)	2.0-4.0	(50-100)
2 cts. ArmorSeal 8100	2.0-4.0	(50-100)
Concrete Floors, previously painted:		
1 ct. Spot prime bare areas with ArmorSeal 8100	2.0-4.0	(50-100)
2 cts. ArmorSeal 8100	2.0-4.0	(50-100)

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

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Do not use hydrocarbon solvents for cleaning.

Minimum recommended surface preparation:
 Concrete & Masonry: SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP1-3

TINTING

Tint part A with CCE colorants at 100% strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

APPLICATION CONDITIONS

Temperature: 50°F (10°C) minimum, 100°F (38°C) maximum
 (air, surface, and material)
 At least 5°F (2.8°C) above dew point
 Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 1 gallon (3.78L) and 5 gallon (18.9L) containers
 Weight: 9.9 ± 0.2 lb/gal ; 1.12 Kg/L mixed, may vary by color

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

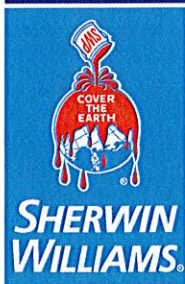
Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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APPLICATION BULLETIN

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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix contents of each component thoroughly with low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine four parts by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with power agitation.

If reducer is used, add only after both components have been thoroughly mixed.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	5.0 (125)	12.0 (300)
Dry mils (microns)	2.0 (50)	5.0 (125)
~Coverage sq ft/gal (m ² /L)	130 (3.3)	320 (8.1)

NOTE: Brush or roll to cover base or vertical surfaces may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 7.0 mils wet (175 microns):

	@ 50°F/10°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	1 hour	1 hour	30 minutes
To recoat*:			
minimum:	8 hours	6 hours	3 hours
maximum:	72 hours	72 hours	72 hours
To Cure	7 days	7 days	7 days
Foot Traffic:	36 hours	18 hours	8 hours

Drying time is temperature, humidity, and film thickness dependent.

*If recoating after 72 hours, abrade surface first.

Pot Life:	8 hours	5½ hours	3½ hours
Sweat-in-Time:	None	None	None

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water.

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PERFORMANCE TIPS

During the early stages of drying, the coating is sensitive to rain, dew, high humidity, and moisture condensation. Plan painting schedules to avoid these influences during the first 16-24 hours of curing.

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, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

For Clear applications, use the Ultra Deep Base, reduce 5% with potable water. When first mixed and applied, the material is white, but will dry Clear. DO NOT exceed 10 mils WFT. Avoid puddling material at edges or in depressions as it may not dry clear.

Excessive reduction of material can affect film build, appearance, and adhesion.

Do not apply the material beyond recommended pot life.

Do not mix previously catalyzed material with new.

Always test adhesion by applying a test patch of 2-3 square feet. Allow to dry one week before checking adhesion.

Do not use hydrocarbon solvents for cleaning.

Anti-slip additives, such as H&C SharkGrip® or ArmorSeal Hi-Wear Additive, may be added to the coating to provide some slip resistance. This product should not be used in place of a non-skid finish.

Refer to Product Information sheet for additional performance characteristics and properties.

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