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FACTORY SHOALS PARK

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09-9100 Painting O&M



GEORGIA PAINTPRO

COMMERCIAL AND INDUSTRIAL PAINTING CONTRACTOR

(Operation and Maintenance Manual)

NAME OF PROJECT:

NC Factory Shoals Restroom Buildings & Site Renovation

LOCATION ADDRESS:

450 Newton Factory Bridge Rd.
Covington, Ga 30014

DATE:

07/23/2026



GEORGIA PAINTPRO

COMMERCIAL & INDUSTRIAL PAINTING CONTRACTOR

Job Name: NC Factory Shoals Restroom Buildings & Site Renovations

Requested By:

Date:

5/1/2026

Vendor / Supplier:

Sherwin Williams

Request Needed by:

ASAP

Source / Contractor :

Sunbelt Builders

Job #:

26-20827

Product	Colors	Substrates & Sheens	Quantity
Multi Purpose Interior/Exterior Primer Sealer	Tint to finish color	Primer for Interior Fiber Cement Ceilings at Restrooms	
Procryl Universal Metal Primer	White	Primer for Doors and Frames & Clerestory Windows	
Precatalyzed Waterbased Epoxy	Custom match to Nailor Bone White	Interior Fiber Cement Ceilings at Restrooms / Eggshell	
Exterior Superpaint	Custom match to Nailor Clay	Exterior Fiber Cement Siding and Soffits / Satin	
Pro Industrial Waterbased Alkyd Urethane	Custom match to Pac Clad Forest Green	Doors and Frames & Clerestory Windows / Semi-Gloss	
WoodScapes Exterior Polyurethane Semi-Transparent House Stain	SW 3522 Banyan Brown	Vertical Timber Columns, Horizontal Timbers Beams, Trusses, and T & G Decking / Semi-Transparent	

Notes, Clarifications or Special Requirements:

Purchases are subject to Sherwin-Williams Terms and Conditions of Sale located at Sherwin-williams.com

SALES NUMBER	SIZE	PRODUCT	DESCRIPTION	OZ	32	64	128
6513-52858	GALLON	B53T5154	PI WB ALK UR SG UD Custom: FOREST GREEN CCE*Color Cast	-	20	1	1
			W1 White	2	20	-	1
			B1 Black	2	7	1	1
			L1 Blue	2	31	-	-
			Y3 Deep Gold	2	-	-	-
			Custom Sher-Color Match				
			GREEN				
6512-36739	GALLON	A89W3151	SPR EXT SA EXTRA Custom: BONE WHITE CCE*Color Cast	-	3	1	-
			B1 Black	-	-	1	1
			Y3 Deep Gold	-	-	1	1
			Custom Sher-Color Match				
			WHITE				
6512-36747	5 GAL	A89W3151	SPR EXT SA EXTRA Custom: CLAY CCE*Color Cast	8	46	1	-
			B1 Black	-	36	-	1
			R2 Maroon	6	57	1	-
			Y3 Deep Gold	-	-	-	-
			Custom Manual Match				
			CLAY				
6509-30639	GALLON	B66W1310	PI PROCRYL PR OF W				
104-0351	GALLON	A15T5	WDSCPS ST EXT STN Color: SW3522 BANYAN BROWN CCE*Color Cast	-	4	-	-
			B1 Black	-	1	-	-
			R2 Maroon	-	3	-	-
			W1 White	-	6	-	-
			Y3 Deep Gold	-	-	-	-
			Formula Book				
			BANYAN BROWN				

SuperPaint®

Exterior Latex Satin

A89-Series



**SHERWIN
WILLIAMS.**

CHARACTERISTICS

SuperPaint Exterior Latex, with resistance to early dirt pick up, provides outstanding performance on properly prepared aluminum and vinyl siding, wood, hardboard, masonry, cement, brick, block, stucco, and metal down to a surface and air temperature of 35°F. Formulated with Advance Resin Technology for outstanding adhesion and hide and offers improved early moisture resistance (1-2 hours).

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.

Color: Most Colors

Coverage: 350-400 sq. ft. per gallon
@ 4 mils wet, 1.4 mils dry

Drying Time, @ 50% RH:

	@35-45°F	@45°F+
Touch:	2 Hours	2 Hours
Recoat:	24-48 hours	4 Hours

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

Finish: 10-20 units @ 60°

Tinting with CCE only:

Base:	oz. per gallon	Strength
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Light Yellow	2-12	SherColor

Extra White A89W03151

(may vary by color)

V.O.C.(less exempt solvents):

Less than 50 grams per litre; 0.42 lbs. per gallon
As per 40 CFR 59.406

Volume Solids: 36 ±2%

Weight Solids: 46 ±2%

Weight per Gallon: 9.93 lbs

Flash Point: N.A.

Vehicle Type: 100% Acrylic

Shelf Life: 36 months, unopened

WVP Perms (US) 19.60 grains/(hr ft² in Hg)

Mildew Resistant

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

COMPLIANCE

As of 04/10/2025, Complies with :

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	N/A
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	No
MPI®	#15, 315

APPLICATION

When the air temperature is at 35°F (1.7°C), substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F (1.7°C) and at least 5° 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 (1.7°C) or when air or surface temperatures may drop below 35°F (1.7°C) within 48 hours.

No reduction needed.

Brush:

Use a nylon-polyester brush such as Purdy® XL®.

Roller:

Use a high quality 3/8-3/4 inch nap synthetic roller cover such as Purdy® White Dove™ or Marathon®.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

Spray - Airless:

Pressure 2000 p.s.i.
Tip .015-.019 inch

APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Thoroughly follow the recommended surface preparations. Most coating failures are due to inadequate surface preparation or application. Thorough surface preparation will help provide long term protection.

SPECIFICATIONS

SuperPaint Exterior Latex can be self-priming when used directly over existing coatings, or bare drywall, plaster, and masonry (with a cured pH of less than 9). The first coat acts like a coat of primer and the second coat provides the final appearance and performance. Please note that some specific surfaces require specialized treatment.

Aluminum & Aluminum Siding¹, Galvanized Steel¹:

2 coats SuperPaint Exterior Latex

Concrete Block, CMU, Split face Block:

1 coat Loxon Acrylic Block Surfacers

2 coats SuperPaint Exterior Latex

Brick, Stucco, Cement, Concrete:

1 coat Loxon Concrete & Masonry Primer³

or

Loxon Conditioner²

2 coats SuperPaint Exterior Latex

Cement Composition Siding/Panels:

1 coat Loxon Concrete & Masonry Primer³

or

Loxon Conditioner²

2 coats SuperPaint Exterior Latex

Plywood:

1 coat Exterior Latex Primer

2 coats SuperPaint Exterior Latex

***Vinyl Siding:**

2 coats SuperPaint Exterior Latex

Wood (Cedar, Redwood)⁴:

1 coat Exterior Oil-Based Wood Primer

2 coats SuperPaint Exterior Latex

¹ On large expanses of metal siding, the air, surface, and material temperatures must be 50°F (10°C) or higher.

² Not for use at temperatures under 50°F (10°C). See specific primer label for that product's application conditions.

³ Not for use at temperatures under 40°F (4.4°C). See specific primer label for that product's application conditions.

⁴ 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. Standard latex primers cannot be used below 50°F (10°C) or above 100°F (37.7°C). See specific primer label for that product's application limitations.

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

SuperPaint®

Exterior Latex Satin

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Aluminum and Galvanized Steel:

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, 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 9, prime with Loxon Concrete & Masonry Primer.

Caulking:

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

Masonry, Concrete, Cement, 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 Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant. **Concrete masonry units (CMU)** - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 50°F (10°C) before filling. Use Loxon Acrylic Block Surfer. The filler must be thoroughly dry before topcoating.

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 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

SURFACE PREPARATION

Mildew:

Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

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.

Steel:

Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method. Bare steel must be primed with a corrosion resistant primer such as All Surface Enamel Primer the same day as cleaned.

***Vinyl or other PVC Building Products:**

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, if needed 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.

Wood, Plywood, Composition Board:

Clean the surface thoroughly then sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All new and patched areas must be primed. 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, it may show some staining. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using.

CAUTIONS

For exterior use only.
Protect from freezing.
Non-Photochemically reactive.
Not for use on floors

Before using, carefully read **CAUTIONS on label**.

CRYSTALLINE SILICA, 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.**

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CLEANUP INFORMATION

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

Multi-Purpose Interior-Exterior Latex Primer-Sealer

B51-450 Series


**SHERWIN
WILLIAMS.**

CHARACTERISTICS

Multi-Purpose Interior-Exterior Latex Primer-Sealer:

- Assures uniform appearance of topcoats
- Fast Dry
- Apply at temperatures down to 35°F
- Assures adhesion of the topcoat to slick, glossy surfaces
- Seals out solvent sensitive stains – tar, solvent based markers, etc.
- Seals minor dried water stains and tannin
- Provides easy “slip” for positioning wallpaper
- Passes ASTM D3273/3274

Use on interior:

- Ceiling Tiles • Paneling • Wall Laminate
- Cured Plaster • Drywall • Varnished Woodwork
- Kitchen Cabinets Ceramic • Wall Tile
- Under Wallcovering

Use on Interior and Exterior:

- Wood • Aluminum • Galvanized Metal
- Previously Painted Surfaces • PVC Piping
- Drywall • Concrete and Masonry • Many Plastics
- Glossy Surfaces • Fiberglass • Copper
- Glazed Block

Color: White & Deep Base
For best color development, use the recommended “p”-shade primer. Check color before use.

Coverage: 400 sq. ft. per gallon
@ 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

Recoat to apply wallcovering: 2 hours

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

Finish: 3-13 units @ 85°

Tinting with CCE Only:

Base	oz. per gallon	Strength
White	0-4	SherColor
Deep Base	4-12	SherColor

White B51W00450

(may vary by color)

V.O.C. (less exempt solvents):

Less than 50 grams per litre; 0.42 lbs. per gallon
As per 40 CFR 59.406

Volume Solids: 35 ±2%

Weight Solids: 52 ±2%

Weight per Gallon: 10.89 lbs

Flash Point: N.A.

Vehicle Type: Styrenate Acrylic Latex

Shelf Life: 36 months, unopened

WVP Perms (US): 23.09 grains/(hr ft² in Hg)

7/2023

COMPLIANCE

As of 7/28/2023, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	Yes

APPLICATION

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 is above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Air and surface temperatures must not drop below 35°F for 48 hours after application.

Do not reduce for stain blocking.

Brush:

Use a nylon-polyester brush.

Roller:

Use a 3/8 inch nap soft woven cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

Spray - Airless:

Pressure 2000 p.s.i.
Tip .015-.021 inch

APPLICATION TIPS

For best topcoat color development, use a recommended “P”-shade primer. Check color before use.

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.

For optimal performance, this primer must be topcoated with a latex, alkyd-oil, water-based epoxy, or solvent based epoxy coating on architectural applications.

For exterior exposure, this primer must be topcoated within 14 days with architectural latex or oil finishes.

General Priming: Multi-Purpose Interior-Exterior Latex Primer-Sealer can be topcoated in 1 hour in non-stain blocking applications.

SPECIFICATIONS

1 coat Multi-Purpose Interior-Exterior Latex Primer-Sealer
2 coats appropriate topcoat

Recommended Architectural Topcoats:

All Surface Enamels
A-100® Exterior Latex
Duration® Exterior & Duration Home® Interior
Emerald® Exterior & Interior
Emerald® Urethan Trim Enamel
SuperPaint® Exterior & Interior
ProClassic® Interior Enamels
ProMar® Interior

Recommended Architectural Topcoats:

Pro Industrial™ Acrylic Coating
Pro Industrial™ Pre-Cat Epoxy
Pro Industrial™ Pre-Cat Urethane
Pro Industrial™ Waterbased Catalyzed Epoxy

Multi-Purpose

Interior-Exterior Latex Primer-Sealer

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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.

Special recommendations:

After priming stained surfaces, allow to dry 4 hours, test a small area for bleeding by applying the topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer, and allow to dry overnight and retest before topcoating. For a complete primer outside, use appropriate exterior primers.

On hard, slick, glossy or otherwise hard to paint surfaces, after preparing the surface, apply a test area of this primer, allow to dry properly and test for adhesion.

Caulking:

Fill gaps between walls, ceiling, crown moldings, and other with the appropriate caulk after priming the surface.

Drywall:

Fill cracks and nail holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

Fire restoration work:

Thoroughly clean the surface before applying to smoke-stained areas. Apply one or two coats of Multi-Purpose Latex Primer/Sealer and test a small area for bleeding before painting the entire surface.

Always check for compatibility and adhesion to the surface by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion.

Tile:

Laminate, ceramic, and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue. Do not use this product in areas subject to excessive water, e.g.: in showers, around sinks, on counter tops.

SURFACE PREPARATION

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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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.

Plaster:

Bare plaster must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.

When used as a primer under wallcovering:

After the wallcovering has been applied and the adhesive has dried and cured, wait at least 21 days before removing the wallcovering to avoid damage to the drywall.

Wood Exterior:

Sand any exposed, weathered wood to a fresh surface. Replace any deteriorated wood. On woods that present potential tannin bleeding, such as redwood and cedar, Multi-Purpose Latex can be used. Care must be taken to determine if tannins will be activated by the 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 bleeding occurs, use Exterior Oil-Based Wood Primer.

For a complete whole house primer outside, use Exterior Latex Wood Primer or Exterior Oil-Based Wood Primer.

CAUTIONS

Protect from freezing.
Non-Photochemically reactive.

Before using, carefully read **CAUTIONS on label**.

CRYSTALLINE SILICA 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.**

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CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and clean 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.

Pro Industrial™**Pre-Catalyzed Waterbased Epoxy Eg-Shel**

K45-2150 Series

**SHERWIN
WILLIAMS.****CHARACTERISTICS**

Pro Industrial Pre-Catalyzed Waterbased Eg-Shel Epoxy is a single-component pre-catalyzed waterborne acrylic epoxy that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

This product can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

Features :

- Interior institutional - commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings
- High performance protection system with excellent adhesion
- Chemical resistant
- Institutional dining and kitchen areas, Hospitals and Schools
- Suitable for use in USDA inspected facilities

For use on properly prepared: Steel, Galvanized & Aluminum, Concrete and Masonry, Wood and Drywall.

Finish: 15-25 units @ 60°
28-38 units @ 85°

Color: Most Colors

Recommended Spreading Rate per coat:

Wet mils: 4.0
Dry mils: 1.5
Coverage: 400 sq. ft. per gallon
Theoretical Coverage: 593 sq. ft. per gallon @ 1 mil dry

Note: 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:

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

@77°F
To touch 1 hour

To recoat 8 hours

Maximum recoat* 72+ hours

Full dry 5-7 days

*If this product dries 72 hours or longer it must be sanded before it is recoated.

Tinting with CCE only: Use SherColor Formulation System

Extra White K45W02151

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 37 ±2%

Weight Solids: 53 ±2%

Weight per Gallon: 10.77 lbs

Flash Point: N.A.

Vehicle Type: Acrylic Epoxy

Shelf Life: 36 months, unopened

Anti-microbial:

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

COMPLIANCE

As of 12/04/2024, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	Yes

APPLICATION

Temperature:
minimum 50°F
maximum 120°F
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: Not Recommended

Airless Spray:

Pressure 1800-2700 p.s.i.
Hose ¼ inch I.D.
Tip .015-.021 inch
Filter 60 mesh

Reduction: Not Recommended

Brush: Nylon-polyester

Roller Cover: 1/4-1/2 inch woven

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

Make sure product is completely agitated (mechanically or manually) before use.

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

Not for use on surfaces continuously wet or under water, such as bathtubs, sinks, showers, or countertops. Not of use on floors.

SPECIFICATIONS**Steel:**

1 coat Pro Industrial Pro-Cryl Primer or Kem Bond HS
2 coats Pro Industrial Pre-Cat Epoxy

Aluminum:

1 coat Pro Industrial Pro-Cryl Primer
2 coats Pro Industrial Pre-Cat Epoxy

Concrete Block (CMU):

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer
2 coats Pro Industrial Pre-Cat Epoxy

Concrete-Masonry:

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner
2 coats Pro Industrial Pre-Cat Epoxy

Drywall:

1 coat ProMar 200 Zero V.O.C. Primer
1-2 coats Pro Industrial Pre-Cat Epoxy

Galvanizing:

1 coat Pro Industrial Pro-Cryl Primer
2 coats Pro Industrial Pre-Cat Epoxy

Wood, Interior:

1 coat Premium Wall & Wood Primer
2 coats Pro Industrial Pre-Cat Epoxy

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

Pro Industrial™

Pre-Catalyzed Waterbased Epoxy Eg-Shel

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Do not use hydrocarbon solvents for cleaning.

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. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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. Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

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

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 Block - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

Masonry - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. 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. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

Drywall - Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Prime the area the same day as cleaned.

SURFACE PREPARATION

Previously Painted Surface - 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.

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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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.

PERFORMANCE

Extra White K45W02151

System Tested: (unless otherwise indicated)

Substrate: Steel

Surface Preparation SSPC-SP6

Finish: 1 coat Pro Industrial Pro-Cryl
1 coat Pro Industrial Pre-Cat Epoxy

Adhesion: Darker colors require longer cure time for same level of adhesion.

Method: ASTM D3359
Result: 5B

Pencil Hardness:

Method: ASTM D3363
Result: 2B

Dry Heat Resistance:

Method: ASTM D2485
Result: 250°F

Scrub Resistance:

Based on Method: ASTM D2486
Result: 365-640 cycles

Water Vapor Permeance (US):

Method: ASTM D1653
Result: 14.51 grains/(hr ft² in Hg)

Block Resistance:

Method: 7 day cure @ 3 mils D.F.T.
Result: Lab assessment
Excellent

Chemical Resistance Rating:

(1 hour direct exposure to dry film 28 day cure)

Distilled water room temperature - Excellent

Ethanol - Good

10% Acetic Acid - Excellent

25% Sodium Hydroxide - Excellent

50% Sulfuric Acid - Excellent

5% Phosphoric Acid - Excellent

10% Hydrochloric Acid - Excellent

Methanol - Good

*Motor oil / Vegetable oil - Excellent

*Mineral Spirits - Excellent

*2 hour exposure

Stain Resistance Rating:

(1 hour direct exposure to dry film 4 day cure)

Mustard - Excellent Grape Juice - Excellent

Red Crayon - Excellent Lipstick, Red - Limited

Ink - Limited Coffee - Excellent

Tea - Excellent Ketchup - Excellent

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) 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.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean 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 12/04/2024 K45W02151 10 26
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Pro Industrial™**Waterbased Alkyd Urethane Enamel Semi-Gloss**

B53-5150 Series

**SHERWIN
WILLIAMS.****CHARACTERISTICS**

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, flow and leveling
- Excellent touch up
- Easy application & cleanup
- Resistant to yellowing compared to traditional alkyds
- Suitable for use in USDA inspected facilities

For use on properly prepared: Steel, Galvanized & Aluminum, Drywall, Concrete and Masonry, and Wood.

Finish: 50-70 units @ 60°
Color: Most Colors

Recommended Spreading Rate per coat:

Wet mils: 4.0-5.0
Dry mils: 1.3-1.7
Coverage: 320-407 sq. ft. per gallon
Theoretical Coverage: 529 sq. ft. per gallon
@ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

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

@77°F
To touch 1-2 hours
To recoat 4 hours

Tinting with CCE only:

Base	oz. per gallon	Strength
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-14	SherColor

Extra White B53W05151

(may vary by color)

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon
As per 40 CFR 59.406

Volume Solids: 33 ±2%
Weight Solids: 48 ±2%
Weight per Gallon: 10.64 lbs
Flash Point: N.A.
Vehicle Type: Urethane Modified Alkyd
Shelf Life: 36 months, unopened

COMPLIANCE

As of 04/01/2025, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	No
MPI®	#169

APPLICATION

Temperature:
minimum 50°F / 10°C
maximum 100°F / 37.8°C
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 2000 p.s.i.
Hose ¼ inch I.D.
Tip .013-.017 inch
Filter 60 mesh

Reduction: Not recommended

Brush: Use a nylon-polyester brush such as Purdy® Syntox®.

Roller Cover: Use a 1/4-1/2 inch woven cover such as Purdy® White Dove™.

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

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

No painting should be done immediately after a rain or during foggy weather.

When using spray equipment, 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.

SPECIFICATIONS**Steel:**

1 coat Pro Industrial Pro-Cryl Primer
2 coats Pro Industrial Waterbased Alkyd Urethane

Aluminum & Galvanizing:

1 coat Pro Industrial Pro-Cryl Primer
2 coats Pro Industrial Waterbased Alkyd Urethane

Concrete Block (CMU):

1 coat Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfer
2 coats Pro Industrial Waterbased Alkyd Urethane

Concrete-Masonry:

1 coat Loxon Concrete & Masonry Primer or 1 coat Loxon Conditioner
2 coats Pro Industrial Waterbased Alkyd Urethane

Drywall:

1 coat ProMar 200 Zero V.O.C. Primer
2 coats Pro Industrial Waterbased Alkyd Urethane

Wood, exterior:

1 coat Exterior Wood Primer
2 coats Pro Industrial Waterbased Alkyd Urethane

Wood, interior:

1 coat Premium Wall & Wood Primer
2 coats Pro Industrial Waterbased Alkyd Urethane

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

Pro Industrial™

Waterbased Alkyd Urethane Enamel Semi-Gloss

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Do not use hydrocarbon solvents for cleaning.

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. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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. 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.

Concrete Block - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 55°F (13°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

Masonry - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. 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.

SURFACE PREPARATION

Previously Painted Surface - 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.

Mildew - Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

PERFORMANCE

System Tested: (unless otherwise indicated)

Substrate: Steel
Surface Preparation SSPC-SP10
Finish: Pro Industrial Waterbased Alkyd Urethane @5.0 W.F.T.

Adhesion:
Method: ASTM D3359 method B
Result: 4B

Pencil Hardness:
Method: ASTM D3363
Result: 4H

Flexibility:
Method: ASTM D522, 180° bend, 1/8 inch mandrel
Result: Pass

Dry Heat Resistance:
Method: ASTM D2485
Result: 200°F

Block Resistance:
Method: Lab assessment
Result: Excellent

Resistance Yellowing:
Method: Lab assessment
Result: Excellent

No painting should be done immediately after a rain or during foggy weather.

Do not paint on wet surfaces.

Check adhesion by applying a test strip to determine the readiness for painting.

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) 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.

CLEANUP INFORMATION

Clean spills, spatters, hands, and tools immediately after use with soap and warm clean water. 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 in accordance with local fire regulation.

HOTW 04/01/2025 B53W05151 06 28
FRC, SP

Pro Industrial™ Pro-Cryl®

Universal Primer

B66-1300 Series


**SHERWIN
WILLIAMS.**

CHARACTERISTICS

Pro Industrial Pro-Cryl® Universal Primer is an advanced technology, self-cross-linking acrylic primer. It is rust inhibitive and was designed for both construction and maintenance applications. It can be used as a primer under water-based or solvent-based high-performance topcoats.

Features:

- Rust inhibitive, corrosion resistant
- Single component
- Early moisture resistant
- Fast dry
- Lower temperature application 35°F
- Interior and exterior use
- Suitable for use in USDA inspected facilities

For use on properly prepared:

Steel, Galvanized & Aluminum, Wood

Finish: Low Sheen

Color: Off White, Medium Grey, and Red Oxide

Recommended Spreading Rate per coat:

Wet mils: 5.0-10.0
 Dry mils: 1.9-3.8
 Coverage: 160-320 sq. ft. per gallon
 Theoretical Coverage: 609 sq. ft. per gallon @ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

Note: 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:

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

	@40°F	@77°F	@120°F
To touch	2 hours	40 minutes	20 minutes
Tack free	8 hours	2 hours	1 hour
To recoat	16 hours	4 hours	2 hours

Tinting: DO NOT TINT

Extra White B66W01310

(may vary by color)

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon
 As per 40 CFR 59.406

Volume Solids: 38 ±2%
Weight Solids: 50 ±2%
Weight per Gallon: 10.09 lbs
Flash Point: N/A
Shelf Life: 36 months, unopened

COMPLIANCE

As of 2/14/2024, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	Yes

APPLICATION

Temperature:
 minimum 35°F / 1.6°C
 maximum 120°F / 48.8°C
 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 2000 p.s.i.
 Hose 1/4 inch I.D.
 Tip .015-.019 inch
 Filter 60 mesh

Conventional Spray:
 Gun Binks 95
 Fluid Nozzle 66
 Air Nozzle 63 PB
 Atomization Pressure 60 p.s.i.
 Fluid Pressure 25 p.s.i.

Reduction: As needed up to 5% by volume

Brush: Nylon-polyester

Roller Cover: 3/8 inch woven
 If specific application equipment is listed above, equivalent equipment may be substituted.

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

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. For best results on rusty surfaces, always apply first coat by brush.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

No painting should be done immediately after a rain or during foggy weather.

For optimal performance, this primer should be topcoated.

For exterior exposure, this primer should be topcoated within 14 days. If 14 days is exceeded remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Finish with appropriate topcoat.

SPECIFICATIONS

Acceptable Water Based topcoats:

1-2 coats Pro Industrial Acrylic Coating or
 Pro Industrial Acrylic Dryfall
 Pro Industrial DTM Acrylic
 Pro Industrial Multi-Surface Acrylic
 Pro Industrial Pre-Catalyzed Epoxy
 Pro Industrial Pre-Catalyzed Urethane
 Pro Industrial Water Based Acrolon 100
 Pro Industrial Water Based Alkyd Urethane
 Pro Industrial Water Based Catalyzed Epoxy
 Sherwin-Williams Architectural Coatings

Acceptable Solvent Based topcoats:

Pro Industrial High Performance Epoxy
 Pro Industrial Industrial Enamels
 Tile Clad HS Epoxy

The finishes listed above are representative of the product's use. Other finishes may be appropriate.

Pro Industrial™ Pro-Cryl® Universal Primer

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Do not use hydrocarbon solvents for cleaning.

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. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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. Prime the area the same day as cleaned. Self priming.

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

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. Self priming.

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.

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.

SURFACE PREPARATION

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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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.

PERFORMANCE

System Tested: (unless otherwise indicated)

Substrate: Steel

Surface Preparation: SSPC-SP10

Finish: 1 coat Pro Industrial Pro-Cryl Off White
1 coat Pro Industrial Acrylic Coating

Adhesion:

Method: ASTM D4541

Result: 500 p.s.i.

Corrosion Weathering:

Method: ASTM D5894, 10 cycles, 3360 hours

Result: Passes

Direct Impact Resistance:

Method: ASTM D2794

Result: greater than 140 inch lb.

Dry Heat Resistance:

Method: ASTM D2485

Result: 200°F

Flexibility:

Method: ASTM D522, 180° bend,

1/2 inch mandrel

Result: Passes

Moisture Condensation Resistance:

Method: ASTM D4585, 100°F, 1250 hours

Result: Passes

Pencil Hardness:

Method: ASTM D3363

Result: B

Salt Fog Resistance:

Method: ASTM B117, 1250 hours

Result: Passes

Provides performance comparable to products formulated in lieu of federal specification: AA50557 and Paint Specification: SSPC-Paint 23.

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label.

Refer to the Safety Data Sheets (SDS) 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.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean 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	2/14/2024	B66W01310	10	39
HOTW	2/14/2024	B66A01320	08	38
HOTW	2/14/2024	B66N01310	08	39
FRC				

WoodScapes®**Exterior Polyurethane Semi-Transparent Wood Stain**

A15T00005

**SHERWIN
WILLIAMS®****CHARACTERISTICS**

WoodScapes Polyurethane **Waterbased Semi-Transparent** **Exterior Stain**
provides a lasting, mildew resistant film with excellent penetration for protecting most vertical exterior wood surfaces. It can be applied at air, surface, and material temperatures as low as 35°F.

Color: Semi-Transparent Stain Colors

Coverage: 100-350 sq. ft. per gallon
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 and recoat times are temperature, humidity, and film thickness dependent. Air and surface temperatures must not drop below 35°F for 48 hours after application.

Drying Time, @ 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.

Finish: 0 units @ 85°

Tinting with CCE: Do not exceed 2 oz. gallon of tinting color

Base	oz.per gallon	Strength
Clear Base	0-2	SherColor

Clear Base A15T00005

V.O.C.(Total): 58 grams per litre; 0.48lbs. per gallon

V.O.C.(less exempt solvents): 418 grams per litre; 3.48lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 8.4 ± 2%

Weight Solids: 10.6 ± 2%

Weight per Gallon: 8.54 lbs

Flash Point: N.A.

Vehicle Type: Polyurethane

Shelf Life: 36 months unopened

Mildew Resistant

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

COMPLIANCE

As of 07/09/2020, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	N/A
LEED® v4 & v4.1 VOC	Yes
EPD-NSF® Certified	N/A
MIR-Manufacturer Inventory	N/A
MPI®	No

APPLICATION

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:

Use a 3/8-3/4 inch nap synthetic or lambswool roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

Spray—Airless

Pressure	2000 p.s.i.
Tip	.015-.017 inch

APPLICATION TIPS

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not mix with any other stains or coatings.

- Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:
- 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. When applying a second coat, it must be applied within 30 days of the first coat.
- 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.

SPECIFICATION**Wood, Plywood**

2 coats WoodScapes Waterbased Exterior Polyurethane Semi-Transparent Stain

Two coats are necessary to achieve the selected color. Wait the appropriate recoat time for the first coat to dry.

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.

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 existing paint and replace any deteriorated substrate. Although this can be applied over earlier semi-transparent stains, some of the old color may be visible through this semi-transparent film. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Remove all surface contamination by washing with an appropriate cleaner to remove all dirt, air pollution, chalk, etc., especially in areas not exposed to direct weathering such as under eaves and porch ceilings. Rinse and allow the surface to dry. 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, remove existing finish or contaminant. Then test for absorbency again. Do not apply coating over wet or damp surfaces.

Caulking:

Apply appropriate caulking and patching material to cracks, nail holes, or other surface imperfections. Filled areas will take the stain differently than bare wood.

Consider using a caulk that is a color similar to the stain color.

SURFACE PREPARATION**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.

Mill Glaze:

Is a glossy finish on new, smooth sawn wood or on the peaks of some textured wood. This must be removed by sanding to allow the stain to penetrate.

Pressure Treated Wood:

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, remove existing finish or contaminant. Then test for absorbency again. Do not apply coating over wet or damp surfaces. Prepare the surface like any other wood surface.

Due to the green tone of many brands of pressure treated lumber, the color of the stain may look different from the color selected. Check the color on a test area prior to staining the entire project.

Smooth or Rough Wood Siding and Plywood:

Sand any exposed wood to a fresh surface. Replace any deteriorated wood.

CAUTIONS

Maintenance clean by using a non-chlorinated bleach alternative.

For exterior use only.

Do not use on composition board.

Do not use on roofs.

Not for use on horizontal surfaces, such as a roof, or floor, where water may collect.

Before using, carefully read **CAUTIONS on label**

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. 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. **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.**

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CLEANUP INFORMATION

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.