



SHERWIN-WILLIAMS.



Exterior Repaint Specification for
FDOT Oviedo Operations
2400 Camp Road
Oviedo, Florida



**Prepared For:
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Specified substrates will be identified for the following buildings:

**5191 Front Offices
5249 Material Bins
5341 Longwood EB rest area
5342 WB Rest Area
5382 Herbicide
5446 Conference & Warehouse
5463 Dept of Corrections Barn
5475 Fuel Island Canopy
5937 EB Tower
5938 EB Tower Building
5941 Car Wash
5945 EB Utility Storage
5946 WB Utility Storage
5968 Shop
5969 Construction TBD
5970 Field Crew TBD
5971 Car Wash Shed
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5973 Car Wash Shed**

Excluded

5024 Barn

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Project Scope

Contractor shall strictly adhere to all applicable federal, state and local regulations associated with proper lead-safe work renovation, repair and painting practices and procedures. State and local regulations may be more strict than those set under the federal regulations. The federal practices and procedures are detailed in EPA's Lead Renovation, Repair and Painting Program Regulations Rule (RRP) 40 CFR Part 745, Subpart E, and as amended. Specifics associated with the RRP Rule pertaining to "Firm Certification", individual "Certified Renovator" Certification, pre-work activities (notification & testing), occupant protection / work site preparation measures, safe work / prohibited work practices, clean-up / clean-up verification / waste disposal / clearance testing (if applicable), recordkeeping and worker training criteria can be obtained on EPA's website: www.epa.gov/lead.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority. Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

The work will consist of all preparation, painting, finishing work and related items necessary to complete work described in these specifications and listed in the remaining pages included within this specification.

A. Scope of Work

Work in general includes surface preparation, surface repair, caulking, sealants, patching and application of the paint coating to the substrates and systems outlined in this specification and approved by owner or owner's agent.

B. Materials

1. All materials specified are from The Sherwin-Williams Company.
2. All paints shall be delivered to the job site in the original container with the manufacturer's label intact.
3. The paint shall be used and applied per label and data sheet instructions. The material shall not be thinned or modified in any way unless specified herein. Manufacturer's recommendation for proper surface preparation shall be followed. All data sheets on specified materials are available from your local Sherwin-Williams representative or www.paintdocs.com.
4. All paint and sundries at the job site shall be available for inspection at any time upon commencement of the job by the owner, owner's agent, or a Sherwin-Williams representative.

C. Protection of Substrates Not to be Painted

1. Contractor shall protect his/her work at all times and shall protect all adjacent work and materials by suitable covering or other methods during progress of work. The contractor will protect all adjacent areas not to be painted by taking appropriate measures. Areas to be protected are windows, brick, surrounding lawn, trees, shrubbery, floor and steps. Upon completion of work, he/she shall remove all paint droppings and over-spray from floors, glass, concrete and other surfaces not specified to be painted.

D. Minimum Specifications

1. If instructions contained in this specification, bid documents or painting schedule are at variance with the paint manufacturer's instructions or the applicable standard, and codes listed, surfaces shall be prepared and painted to suit the higher standard, as determined by Sherwin-Williams, the customer or management representative.

E. Resolution of Conflicts

1. Contractor shall be responsible for stopping work and request prompt clarification when instructions are lacking, when conflicts occur in the specifications and/or paint manufacturer's literature, or the procedures specified are not clearly understood. Any questions concerning these specifications should be clarified prior to commencing the job. Any changes to these specifications would require written approval by Sherwin-Williams, the customer or customer's representative.

F. Coordination of Work

1. The general contractor and subcontractor shall be responsible for coordination of his work with the other crafts and contractors working on the same job and with the Management Company or owner.

G. Safety

1. All pertinent safety regulations shall be adhered to rigidly. In addition, all safety noted on the manufacturer's Product Data Sheets and labels shall be observed. Material Safety Data Sheets and Product Data Sheets are available from your local Sherwin-Williams store or representative or by visiting www.sherwin-williams.com.
2. Verify the existence of lead-based paints on the project. Buildings constructed after 1978 are less likely to contain lead-based paints. If lead-based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting Rule or similar state regulation. Verify that owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings.

H. Jobsite Visitation

1. The contractor shall be responsible for visiting the jobsite and familiarizing himself with the job and working conditions.
2. All work during application is subject to inspection by the owner or his representative.
3. It will be the paint contractor's responsibility to own and use a wet film thickness gauge to check his application thickness as he proceeds.
4. Contractor and owner have complete responsibility for ensuring that the project specifications are followed, notwithstanding periodic visits to the project by any Sherwin-Williams representative.
5. Any questions concerning these specifications should be clarified prior to commencing the job. Any changes to these specifications would require written approval of the owner, agent, or Sherwin-Williams representative.

I. Surface Preparation

1. Each surface shall be cleaned, scrapped, sanded and prepared as specified. The painting contractor is responsible for the finish of his work. Should any surface be found unsuitable to produce a proper paint or sealant finish, the project representative shall be notified, in writing, and no materials shall be applied until the unsuitable surfaces have been made satisfactory. Commencing of work in a specific area shall be construed as acceptance of surfaces and thereafter as fit and proper to receive finish. Contractor shall be fully responsible for satisfactory work.
2. All deteriorated or delaminated substrates (i.e. wood, hardboard siding, T-111, stucco and masonry surfaces) shall be replaced with new materials. New substrates will be box primed (6 sides) before installation in accordance with specifications. Delaminating substrate is defined as a substrate surface that paint is being applied to lifting or peeling away from the previous coating/s or original substrate/s.

3. All exterior surfaces to be painted shall be pressure cleaned, scrapped to remove all dirt, mildew, peeling paint, chalk and any foreign materials detrimental to the new finish (see Pressure Washing).
4. Thoroughly sand all glossy surfaces to create a profile for paint and/or primer to adhere to.
5. Apply caulks and sealants where appropriate. All existing underperforming caulks or sealants should be removed and replaced with sealant as specified. Allow sealant to cure for specified time in dry weather before paint is applied. **NOTE:** It is recommended to apply all primers first and then apply sealant before topcoat is applied. See specified sealants section.
6. Knots and pitch streaks shall be scraped, sanded and spot primed before full priming coat is applied. All nail holes or small openings shall be patched after priming coat is applied. Any wood that is rotten, cracked, delaminated or water damaged should be replaced. Any loose or peeling paint should be removed by sanding and scraping. All hard, glossy surfaces should be sanded down to create a profile for new paint to adhere. Fill nail holes, imperfections and cracks with putty (color to match primer). Edges, corners and raised grain shall be prepared by sanding. Apply sealants to all joints between wood items with a specified sealant.
7. All masonry surfaces should be scrapped and cleaned to remove all peeling paint, delaminated surfaces or substrates, chalk, dirt, stains, efflorescence and other surface contaminants. These areas shall be pressure washed and scrubbed with a cleaner/degreaser solution. After cleaning if there is still chalk evident this should be brought to the owner's attention in writing before any further work is done. Use an industry accepted patch or filler to assure a visually aesthetic finished substrate. Any masonry surface should be toughly tested to assure the surface pH levels are within accepted range of coating/s to be applied.
8. Brick must be free of dirt, loose or peeling paint, loose and excess mortar, delaminating layers of the brick, and foreign material. All brick should be allowed to weather for at least one year followed by wire brushing to remove efflorescence. Treat the bare brick with one coat of Loxon Conditioner. Any areas of breakage shall be patched and dried using specified Sherwin-Williams patching compound in accordance with Product Data Sheet instructions before coatings are applied.
9. All galvanized gutters and flashing should be thoroughly cleaned and sanded to remove loose and peeling paint. Any bare galvanized metal should be wiped down with a non-petroleum solvent cleaner.
10. All ferrous metals should be thoroughly cleaned and all loose rust or mill scale be removed by wire brush, scraper and/or power tool, such as an electric drill with wire brush attachment. Any rust spots or bare metal should receive the specified prime coat. Any hard, glossy surfaces should be sanded or dulled. Previously painted hand rails in sound condition should be washed down with a strong degreasing cleaner such as Krud Kutter, M-1 House Wash or Simple Green.
11. All vinyl siding should be clean thoroughly by scrubbing with a warm, soapy water solution. Rinse thoroughly. Do not paint vinyl siding with any color darker than the original color, unless the product and color are designed for such use. Painting with darker colors may cause siding to warp.
12. Cement Composition Siding/Panel/Fiber Cement Sidings : 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. Pressure clean, if needed, to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. The pH of the surface should be 7 or less, unless the products are designed to be applied to high pH substrates..
13. EIFS: Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Remove and replace any peeling or delaminating surfaces. Replace EIFS to manufactures recommendation.

J. Moisture

All areas that could cause paint failure due to moisture should be addressed and eliminated. This would include but is not limited to:

1. Gutters and downspouts not working properly.
2. Previous coats of paint not adhering properly.
3. Wood checking (cracks and splits in wood).

4. Deteriorated caulking or sealant.
5. Gaps between substrates.
6. Rotten wood.
7. Areas affected by water splashing.
8. Painting in inclement weather.
9. Painting an undry substrate.
10. Uncaulked nail holes.

K. Pressure Washing & Surface Preparation

1. Pressure wash or water blast to remove oil, grease, dirt, loose mill scale and loose paint by water at pressures of 2500-3000 p.s.i. Power tool clean per SSPC-SP3 to remove loose rust and mill scale. Hand tool clean per SSPC-SP2 and sand all glossy surfaces to promote adhesion.
2. Remove mildew per the following:
 - a. Tools: Stiff brush, garden pump sprayer or chemical injector power washer method.
 - b. 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.

L. Application

1. Contractor shall be responsible for notification of owner's representative before beginning work if conditions substantially exceed Scope of Work.
2. Contractor shall protect his/her work at all times and shall protect all adjacent work and materials by suitable covering or other method during progress of the work. Upon completion of work, he/she shall remove all paint and varnish spots from floors, glass and other surfaces. He shall remove from premises all rubbish and accumulated materials of whatever nature not caused by others and shall leave his part of work in a clean, orderly, and acceptable condition.
3. Remove and protect hardware, accessories, device plates, lighting fixtures, factory finished work and similar items or provide ample in-place protection. Upon completion of each space, carefully replace all removed items.
4. Cover all electrical panel box covers and doors before painting walls. Omit if covers have been previously painted.
5. Materials shall be applied under adequate illumination, evenly spread and flowed on smoothly to avoid runs, sags, holidays, brush marks, air bubbles and excessive roller stipple. The finished paint film should be a consistent color and sheen to provide a uniform appearance.
6. All coats shall be dry to manufacturer's instructions before applying additional coats.
7. Any masonry surface with an elevated pH level or "hot spots" shall be sealed with a suitable primer/sealer prior to application of finish coat. High pH is considered at a level of 7 pH or greater.
8. When spray painting is specified, contractor shall finish 100 square feet by spraying a sample of finish upon request of owner. This shall be finished with materials specified and shall be called a Pilot Wall.
9. Exterior doors with paintable tops, bottoms, and side edges should be painted or sealed using the Door Manufacturer's paint specification and recommendations.
10. Building by building inspections will be made by the owner or his representative. If requested, a Sherwin-Williams representative may participate in these visits for technical consultation.
11. All repairs, replacements and applications are to meet or exceed all manufacturers' and attached specifications.

12. Elastomeric coatings shall not be applied directly over pre-existing elastomeric coatings.
13. Coverage and hide shall be complete. When color, stain, dirt, or undercoats show through final coat of paint, surface shall be covered by additional coats until paint film is of uniform finish, color, appearance and coverage (regardless of amount of coats specified).

M. Workmanship & Application Conditions

1. Keep surface dust, dirt and debris free before, during, and after painting, until paint is cured.
2. Execute work in accordance with label directions. Coating application shall be made in conformance to this specification and to the manufacturer's paint instruction on the labels and Product Data Sheets.
3. All work shall be accomplished by persons with the necessary skill and expertise and qualified to do the work in a competent and professional manner.
4. All shrubbery, outside carpeting and sprinkler systems shall be fully protected against damage during each stage of the painting project.
5. Paint all previously painted surfaces, including, but not limited to: stair systems, light poles and fixtures, pool fence, and underside of balconies. Any potentially hazardous substrate shall be reviewed with owner and owner's agent. All necessary safety precautions must be fully taken to ensure worker's safety.
6. All exterior substrates designated not to receive paint coatings shall be kept free of paint residue, i.e., windows, outdoor carpeting, walkways, etc.
7. Owner shall provide water and electricity from existing facilities.
8. Normal safety and "wet paint" signs, necessary lighting and temporary roping off around work areas shall be installed and maintained in accordance with OSHA requirements while the work is in progress.
9. A progress schedule shall be furnished by the contractor to the owner for approval and shall be based on the contract completion date. Contractor shall advise the owner of those areas in which work is to be performed sufficiently in advance of the work schedule to permit the owner to prepare for the work, advise residents, move vehicles, etc.
10. Do not paint over any code required labels or any equipment identification, performance rating, name or nomenclature plates.
11. Coverage and hide shall be complete. When color, stain, dirt, or undercoats show through final coat of paint, surface shall be covered by additional coats until paint film is of uniform finish, color, appearance and coverage (regardless of amount of coats specified).

N. Weather

1. All materials are to be applied in accordance with the product data page in regards to weather conditions. Stop exterior work early enough in the day to permit paint film to set up before condensation caused by night temperature drops occurs.
2. Do not begin painting until surfaces are moisture free.

O. Color Schedule

1. To be approved by owners.

2. The owner and project coordinator should be aware that certain colors, especially darker tones, fade more rapidly than other colors, regardless of the product manufacturer, product type, or substrate to which the product is applied. It is advisable for the owner, project coordinator, and/or person responsible for color selection to consult with Sherwin-Williams early in the planning stage to assure the most durable combination of tinting formulation is used to achieve the desired color. Additionally, color selection affects the hiding ability of the finish coats.

P. Coating Maintenance Manual

1. Upon conclusion of the project, the Contractor or paint manufacture/supplier shall furnish a coating maintenance manual, such as Sherwin-Williams "Custodian Project Color and Product Information" report or equal. Manual shall include an Area Summary with finish schedule, Area Detail designating where each product/color/finish was used, product data pages, Material Safety Data Sheets, care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.

Recommended Coatings Systems

Thank you for the submittal of Sherwin-Williams products on the above referenced project. The Sherwin-Williams Company certifies that the products we intend to furnish will meet or exceed the performance requirements of the job specifications.

Surface preparation, application methods, spreading rates, and wet and dry film thicknesses will be determined by the attached specifications and our Material Safety Data Sheets, available at www.sherwin-williams.com, except as noted below.

All surface contamination, such as mildew, chalk, grease, dirt, grime, rust, efflorescence, old loose peeling paint, rotten wood and hard glossy surfaces, needs to be removed by pressure washing, prep work and hand tool clean, before a new coating system can be applied. Be sure to read and follow the Data Sheets before application.

Minimum Recommended Surface Preparation

SSPC-SP1: Remove all oil, grease, chalk and other surface contamination

SSPC-SP2: Remove all rotten wood, peeling paint and rust

Surface Cleaner: Krud Kutter Wash Cleaner or equivalent non-residue surface cleaner

Sealant: Concrete and Masonry Elastomeric Patching Material and Loxon S-1 Sealant

Caulks and Sealants

Execution

- A. Do not begin application of caulk or sealants until substrates have been properly prepared. Notify Architect of unsatisfactory conditions before proceeding.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Proceed with work only after conditions have been corrected, and approved by all parties, otherwise application of caulks and sealants will be considered as an acceptance of surface conditions.

Surface Preparation

- A. Clean all joints by removing any foreign matter or contaminants that would impede adhesion of the sealant to the building material. The surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion.

- B. Porous materials are usually treated by mechanical means and nonporous surfaces by a solvent wipe that is compatible with the building substrate being used. **Note:** For porous surfaces, the use of detergent or soap & water is NOT recommended.
- C. Existing sealants intended to be painted should be tested to assure coatings will fully adhere. Silicone sealants cannot be painted unless tested and approved by Sherwin-Williams and Owner.
- D. Priming: When required, apply a primer. Do NOT allow it to pool or puddle.
- E. Install backup materials as required to ensure that the recommended depth is regulated when using the backup material.
- F. No exterior caulking should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F, unless products are designed specifically for these conditions.

Installation

- A. Apply all caulks and sealants with manufacturer specifications in mind.
- B. Do not apply to wet or damp surfaces.
 - 1. Wait at least 30 days before applying to new concrete or masonry, or follow manufacturer's procedures to apply appropriate sealants prior to 30 days.
 - 2. Wait until wood is fully dry after rain or morning fog or dew.
- C. Apply sealants using methods recommended by manufacturer.
- D. Uniformly apply caulks and sealants without skips, voids or sags. Tool bead to a consistent, smooth surface.

Concrete: Vertical Applications

- 1. Exterior Polyurethane:
Sherwin-Williams Loxon S-1 Urethane Sealant

Concrete: Horizontal Applications (floor to wall sections)

- 1. Exterior Polyurethane:
Sherwin-Williams: Loxon S-1 One Component Self Leveling for Horizontal Surfaces

Column bases

- 1. Exterior Urethane
Sherwin-Williams: Loxon S-1 Urethane Sealant

Railing bases

- 1. Exterior Urethane
Sherwin-Williams: Loxon S-1 Urethane Sealant

Gaps: Large Areas

- 1. Interior/Exterior Insulating Foam:
Sherwin-Williams STOP GAP! Triple Expanding Insulating Foam

Metal: Ferrous and Non-Ferrous

- 2. Exterior Polyurethane:
Sherwin-Williams Loxon S-1 One Component Smooth

Paint and Coatings Systems

****Additional coats of paint may be required depending on the selection of colors, substrate conditions, and application procedures. Painters/GC must bid accordingly.****

Corrugated Metal walls and ceilings

A. Prime Coat: Loxon Conditioner (A24 Series) (applied 400 sqf per gallon)
(applied as needed prior to topcoat application where the surface is chalky)

B. Finish: Pro-Industrial DTM Acrylic Semi-Gloss B66 series (DFT 2.5 mils)

Gutters and Downspouts

A. Spot Prime: Pro-Cryl Universal Metal Primer B66 series (5 mils WFT 2 mils DFT)

B. Finish Coat: Pro-Industrial DTM Acrylic Semi-Gloss B66 series (DFT 2.5 mils)

Metal Entry Doors and window trim

A. Spot Prime: Pro-Cryl Universal Metal Primer B66 series (5 mils WFT 2 mils DFT)

B. Finish Coat: Pro-Industrial DTM Acrylic Semi-Gloss B66 series (DFT 2.5 mils)

All wood surfaces including trim, certain fences and t-111 surfaces

A: Spot Prime: Pro-Block Latex Primer B51W620

B.Finish Coat: Super Paint Exterior Satin A89 series (4.8 mils DFT, 1.8 milsWFT)

CMU Walls

A. Prime Coat: Loxon Conditioner (A24 series) (applied 400 sqf per gallon)

B. Finish Coat: Super Paint Exterior Satin A89 series (4.8 mils DFT, 1.8 milsWFT)

Ferrous Metal Support Beams

A. Spot Prime: Pro-Cryl Universal Metal Primer B66 Series (DFT 2 mils)
(Removal of all loose coating prior to primer application required)

B. Finish Coat: Pro-Industrial DTM Acrylic Semi-Gloss B66 series (DFT 2.5 mils)

Safety Bollards

A. Spot Prime: Pro-Cryl Universal Metal Primer B66 series (5 mils WFT, 2 Mils WFT)

B. Finish Coat: DTM Acrylic Safety Yellow (B66 series) (2.5 Mils WFT)

Factory Finish Metals

A. Prime Coat: Pro-Cryl Universal Metal Primer B66 series (5 mils WFT, 2 Mils WFT)

B. Finish Coat: Pro-Industrial DTM Acrylic Semi-Gloss B66 series (DFT 2.5 mils)

Loose coating needs to be removed prior to coating application





All mill scale rust to be removed prior to Primer application

Data Pages



PRO

INDUSTRIAL™

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 - 320 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.

HOTW 09/11/2015 B66W00310 32 96

KOR, FRC, SP



PRO INDUSTRIAL™



113.07

DTM ACRYLIC SEMI-GLOSS

B66W01151 Extra White
 B66W01153 Deep Base
 B66T01154 Ultradeep
 B66R01158 Real Red
 B66Y01157 Vivid Yellow

As of 03/10/2017. Complies with:			
OTC	Yes	LEED® 09 NC, CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® 09 H&S	Yes
CARB	Yes	LEED® v4 Emissions	Yes
CARB SCM 2007	Yes	LEED® v4 VOC	Yes
Canada	Yes	MPI	Yes

CHARACTERISTICS

Pro Industrial DTM Acrylic coating is an interior/exterior, water based, corrosion resistant acrylic coating for light to moderate industrial use. Designed for new construction or maintenance use and can be used directly over prepared substrates.

- Chemical resistant
- Corrosion resistant
- Fast dry
- Flash rust/early rust resistant
- Suitable for use in USDA inspected facilities

Color: most colors
Recommended Spread Rate per coat:
 Wet mils: 6.0 - 10.0
 Dry mils: 2.5 - 4.0
 Coverage: 160 - 255 sq ft/gal approximate

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:
 @ 50°F @ 77°F @ 110°F
 To touch: 1 hr 20 min 10 min
 Tack free: 2 hrs 45 min 30 min
 To recoat: 2 hrs 1 hr 1 hr

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

Finish: 38-48@ 60° Semi-Gloss
Flash Point: N.A.
Shelf Life: 36 months, unopened
 Store indoors at 40°F to 100°F.

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-6	Shercolor
Deep Base	6-12	Shercolor
Ultradeep	10-12	Shercolor
Real Red	0-12	Shercolor
Vivid Yellow	0-14	Shercolor

Extra White B66W01151
 (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: 40 ± 2%
Weight Solids: 51 ± 2%
Weight per Gallon: 10.21 lb/gal ±2%

RECOMMENDED SYSTEMS

Steel*:
 2 cts. Pro Industrial DTM Acrylic
Steel: Acrylic Primer
 1 ct. Pro Industrial Pro-Cryl Primer or Pro Industrial DTM Primer/Finish
 1-2 cts. Pro Industrial DTM Acrylic
Steel: Zinc primer Atmospheric
 1 ct. Zinc Clad DOT or Zinc Clad III HS
 2 cts. Pro Industrial DTM Acrylic
Aluminum:
 1-2 cts. Pro Industrial DTM Acrylic
Concrete Block:
 1 ct. Pro Industrial Heavy Duty Blockfiller
 1-2 cts. Pro Industrial DTM Acrylic
Concrete/Masonry:
 1 ct. Loxon Concrete & Masonry Primer
 1-2 cts. Pro Industrial DTM Acrylic

Drywall
 1 ct. ProMar 200 Zero VOC Primer
 1-2 cts. Pro Industrial DTM Acrylic
Galvanizing:
 2 cts. Pro Industrial DTM Acrylic
Prefinished Siding:(Baked-on finishes)
 1 ct. DTM Bonding Primer
 1-2 cts. Pro Industrial DTM Acrylic
Wood, Exterior:
 1 ct. Exterior Wood Primer
 1-2 cts. Pro Industrial DTM Acrylic
Wood, Interior:
 1 ct. Premium Wall & Wood Primer
 1-2 cts. Pro Industrial DTM Acrylic

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

System Tested: (unless otherwise indicated)
 Substrate: Steel
 Surface Preparation: SSPC-SP10
 Finish: Pro Industrial DTM Acrylic, B66W01151 – 2 cts @ 3.0 mils dft/ct

Adhesion:
 Method: ASTM D4541
 Result: > 500 psi
Corrosion Weathering:
 Method: ASTM D5894, 1680 hours, 5 cycles
 Result: Rating 10N, per ASTM D714 for blistering
 Rating 9, per ASTM D1654 for corrosion

Direct Impact Resistance:
 Method: ASTM D2794
 Result: >160 in. lb
Dry Heat Resistance:
 Method: ASTM D2485
 Result: 300°F

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

Humidity Resistance:
 Method: ASTM D4585, 1000 hours
 Result: Rating 10N per ASTM D714 for blistering
 Rating 10 per ASTM D1654 for corrosion
Pencil Hardness:
 Method: ASTM D3363
 Result: 6B, 7 day air dry
Salt Fog Resistance:
 Method: ASTM B117, 500 hours
 Result: Rating 10N per ASTM D714 for blistering
 Rating 10 per ASTM D1654 for corrosion

Provides performance comparable to products formulated In Lieu of federal specification: AA50570, and Paint Specification: SSPC-Paint 24

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.

Zinc Primers - Refer to the zinc technical data sheet application procedures and performance tips prior to topcoating.

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 using

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

Relative humidity: 85% maximum

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

Airless Spray

Pressure..... 1500 psi
 Hose..... 1/4" ID
 Tip017" - .021"
 Filter..... 60 mesh
 Reduction..... Not recommended

Conventional Spray

Gun Binks 95
 Fluid Nozzle 66
 Air Nozzle..... 63PB
 Atomization Pressure..... 50 PSI
 Fluid Pressure..... 10-20 PSI
 Reduction..... Not recommended

Brush Nylon / polyester
 Reduction..... Not recommended
 Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

Roller 1/4-3/8" 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.

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 KOR, SP, FRC



**SHERWIN
WILLIAMS®**



108.04A

PREPRITE® PROBLOCK®

Interior/Exterior Latex Primer/Sealer B51-600 Series

As of 02/22/2017, Complies with:			
OTC	Yes	LEED® 09 NC CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® 09 H	Yes
CARB	Yes	LEED® v4 Emissions	Yes
CARB SCM2007	Yes	LEED® v4 VOC	Yes
Canada	Yes	MPI	Yes

CHARACTERISTICS

- 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 of wallpaper

Use on interior:

- Ceiling Tiles
- Paneling
- Wall Laminate
- Cured Plaster
- Varnished Woodwork
- Kitchen Cabinets
- Ceramic Wall Tile
- Under wallcovering

Use on interior & exterior:

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

Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

CHARACTERISTICS

Color: White & Deep Base
Coverage: 400 sq ft/gal
@ 4 mils wet; 1.4 mils dry

Drying Time, @ 77°F, 50% RH:
Touch: 30 minutes
Recoat as a primer: 1 hour
Recoat as a stain sealer: 4 hours
To apply wallcovering: 3 hours

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

Flash Point: N/A
Finish: 5-10 units @ 85°

Tinting with CCE only
Base oz/gal Strength
White 0 - 4 100%
Deep Base 4-12 100%

Vehicle Type: Styrenated Acrylic Latex
B51W00620

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

Volume Solids: 35 ± 2%
Weight Solids: 52 ± 2%
Weight per Gallon: 10.9 lb

For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of ColorCast Ecotoners can be used. 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.

For better performance when priming an entire house, use Exterior Latex or Oil-Based Primers

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. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded 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 areas, 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.

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

Testing- 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.



PREPRITE[®] PROBLOCK[®]

Interior/Exterior Latex Primer/Sealer B51-600 Series

<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p>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 water. Repeat until the surface is hard, rinse with water and allow to dry before painting.</p> <p>Wood - Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.</p> <p>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.</p> <p>Caulking - Fill gaps between walls, ceilings, crown moldings, and other trim with the appropriate caulk after priming the surface.</p> <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. 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>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. Air and surface temperatures must not drop below 35°F for 48 hours after application.</p> <p>Do not reduce for stain blocking. No reduction necessary.</p> <p>Brush - Use a nylon/polyester brush.</p> <p>Roller - Use a 3/8" nap soft woven roller cover.</p> <p>Spray—Airless Pressure2000 psi Tip.....015"-.021"</p> <p>Tips-General Priming: PrepRite ProBlock Latex Primer/Sealer can be topcoated in 1 hour in non-stain blocking applications.</p> <p>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.</p> <p>When used as a primer under wallcovering. After 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.</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 a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p>	<p>Protect from freezing..</p> <p>Before using, carefully read CAUTIONS on label.</p> <p>HOTW 02/22/2017 B51W00620 18 00 KOR, SP</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



SUPERPAINT® Exterior Latex Satin

- A89W00116 Super White
A89W01151 Extra White
A89W00153 Deep Base
A89T00154 Ultradeep Base
A89Y00156 Light Yellow

Table with 4 columns: Compliance, Yes/No, and specific standards like LEED, SCAQMD, CARB, etc.

CHARACTERISTICS

SuperPaint Exterior Latex Satin, with improved 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.

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
To optimize hide and color development, always use the recommended P-Shade primer

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.5 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

Finish: 10-20 units @ 60°

Tinting with CCE:

Table with 3 columns: Base, oz/gal, Strength. Lists Extra White, Deep Base, Ultradeep Base, Light Yellow.

Extra White A89W01151 (may vary by base)

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

Volume Solids: 38 ± 2%
Weight Solids: 49 ± 2%
Weight per Gallon: 10.19 lb
Flash Point: N/A
Vehicle Type: 100% Acrylic
WVP Perms (US): 26.14 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

SuperPaint Exterior Latex Satin 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, Vinyl Siding

2 cts. SuperPaint Exterior Latex Concrete Block, CMU, Split face Block

1 ct. Loxon Block Surfacer
2 cts. SuperPaint Exterior Latex Brick

1 ct. Loxon Conditioner²
2 cts. SuperPaint Exterior Latex Cement Composition Siding/Panels
1 ct. Loxon Concrete & Masonry Primer² or Loxon Conditioner²

2 cts. SuperPaint Exterior Latex Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²
2 cts. SuperPaint Exterior Latex Plywood

1 ct. Exterior Latex Wood Primer
2 cts. SuperPaint Exterior Latex Wood (Cedar, Redwood)³

1 ct. Exterior Oil-Based Wood Primer²
2 cts. SuperPaint Exterior Latex

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

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

³ Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. For best results on these woods, use a coat of Exterior Oil-Based Wood Primer.

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

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. 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.

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

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.



SUPERPAINT[®]

Exterior Latex Satin

- A89W00116 Super White
- A89W01151 Extra White
- A89W00153 Deep Base
- A89T00154 Ultradeep Base
- A89Y00156 Light Yellow

<u>SURFACE PREPARATION</u>	<u>SURFACE PREPARATION</u>	<u>CAUTIONS</u>
<p>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.</p> <p>Steel Rust and mill scale must be removed using sandpaper, wire brush, 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 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>*Vinyl or other PVC Building Products Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate white primer. Do not paint vinyl with any color darker than the original color or having a Light Reflective Value (LRV) of less than 56 unless VinylSafe[®] Colors are used. If VinylSafe colors are not used the vinyl may warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.</p> <p>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.</p>	<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. 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 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 Tip015"-.019"</p>	<p><u>CAUTIONS</u></p> <p>For exterior use only. Protect from freezing. Non-photochemically reactive. Not for use on floors.</p> <p>Before using, carefully read CAUTIONS on label.</p> <p>HOTW 03/08/2018 A89W01151 36 39 Viet, KOR</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 a 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 SDS.</p>



**SHERWIN
WILLIAMS®**

**LOXON®
CONDITIONER
A24-100 Series**

As of 01/10/2012, Complies with:			
OTC	Yes	LEED® 09 CI	No
SCAQMD	Yes	LEED® 09 NC	No
CARB	Yes	LEED® 09 CS	No
MPI #	No	LEED® H	No
NAHB	No		

CHARACTERISTICS

Loxon® Conditioners are 100% acrylic emulsion conditioners that will penetrate and seal interior and exterior surfaces and bond light chalk to the surface. These sealers allow new concrete, stucco, and other cementitious surfaces to be coated prior to a 30 day cure, and will adhere to new or existing concrete with a pH of 6 to 13.

- Color:** Clear and Guide Coat White
- Coverage:** 200-300 sq ft/gal
- Drying Time, @ 77°F, 50% RH:**
Drying and recoat times are temperature, humidity and film thickness dependent.
- Touch: 30 minutes
- Tack free: 1 hour
- Recoat: 3 hours
- Flash Point:** N/A
- Finish:** 0-10 units @ 85°
- Tinting:** up to 1 oz/gal
- Vehicle Type: Acrylic

A24W00100

- VOC (less exempt solvents):** 95 g/L; 0.79 lb/gal
- Volume Solids:** 18 ± 2%
- Weight Solids:** 26 ± 2%
- Weight per Gallon:** 9.1 lb

SPECIFICATION

- Concrete, Stucco, Block**
- 1 ct. Loxon Conditioner
- 2 cts. Appropriate architectural topcoat within 7 days

For maximum resistance to efflorescence, you must topcoat with one of the Loxon or Loxon XP Coatings. Other topcoats can be used, but first apply Loxon Masonry Primer as an intermediate coat for best protection against efflorescence.

Loxon Conditioners must be topcoated within 7 days or the surface may need to be re-cleaned.

APPLICATION

- Do not build a surface glaze.
- Do not apply to a damp surface.
- Do not apply over heavy chalk.
- Do not apply if the surface temperature is below 50°F, when rain is expected within 3 hours, or when the relative humidity is 90% or more.

- No reduction necessary.
- Brush**
Use a nylon/polyester or foam brush.
- Roller**
Use a 3/8" to 3/4" nap synthetic cover.
- Spray—Airless**
Pressure..... 700-1000 psi
Tip..... .015" - .019"

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.

New and Previously Painted
Remove all surface contamination (peeling paint, heavy chalk, efflorescence, laitance, concrete dust, etc.) by washing or pressure 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.

Concrete, Stucco, Block
All new surfaces must cure for at least 7 days. Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and form release and curing agents.

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, water-proof 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.



**SHERWIN
WILLIAMS.**

LOXON[®]

CONDITIONER

A24-100 Series

SURFACE PREPARATION

Priming

For better performance on masonry, **Loxon Masonry Primer** will provide a hiding coat with excellent film build. Both can be applied to new or existing concrete with a pH of 6 to 13.

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. Flush spray equipment after cleaning with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

For interior and exterior use.
Protect from freezing.

CAUTION contains 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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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.