

**Forte™****Waterborne Urethanized Acrylic Satin**

B71-550 Series

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

**Forte Waterborne Urethanized Acrylic Satin** is an ambient cured, single component interior and exterior versatile topcoat that provides excellent adhesion, abrasion resistance, durability, weatherability, low temperature application and return to service.

**Provides:**

- Versatile application on both interior and exterior horizontal and vertical surfaces
- Excellent resistance to pedestrian, cart, and forklift traffic
- Excellent adhesion, abrasion & block resistance and durability
- Can be applied directly to properly prepared metal surfaces
- Low temperature application down to 35° F

**For use on:** Drywall, properly cured Plaster, Masonry, Wood, Steel, Galvanized and Aluminum

**Color:** Most Colors

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

**Drying Time: @ 50% RH, @ 77°F**

Touch: 45 minutes

Recoat: 2 hours

Foot traffic: 4 hours

Forklift/wheeled traffic: 24 hours

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

**Finish:** 15-25 units @ 60°

**Tinting with CCE only:**

| Base:          | oz. per gallon | Strength  |
|----------------|----------------|-----------|
| Extra White    | 0-7            | SherColor |
| Deep Base      | 4-14           | SherColor |
| Ultradeep Base | 10-14          | SherColor |

**Extra White B71W00551**

(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:** 50 ±2%

**Weight per Gallon:** 10.76 lbs

**Flash Point:** N.A.

**Vehicle Type:** Urethanized Acrylic

**Shelf Life:** 36 months, unopened

**Flame Spread:** Class A  
in accordance with the provisions of ASTM E84

**Mildew Resistant**

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

09/2026

**COMPLIANCE**

As of 09/30/2026, Complies with :

|                            |      |
|----------------------------|------|
| OTC                        | Yes  |
| OTC Phase II               | Yes  |
| S.C.A.Q.M.D.               | Yes  |
| CARB                       | Yes  |
| CARBSCM 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®                       | #151 |

**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 woven roller cover such as Purdy® White Dove™.

For additional specific brushes and roller cover recommendations, please refer to our Brush and Roller Guide on the Sherwin-Williams website.

**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 with **Forte** coating. On repaint work, apply one coat of **Forte** coating: on bare surfaces, apply two coats of **Forte**, allowing 4 hours drying between coats.

Do not paint in direct sun. Apply at temperatures above 35°F. During application at temperatures above 80°F, **Forte** sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area into the adjoining wet coating area. Dries to touch in 1 hour and is ready for service overnight.

**SPECIFICATIONS****Drywall**

1 coat ProMar 200 Zero V.O.C. Primer\*  
1-2 coats Forte Waterborne Urethanized Acrylic

**Plaster**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats Forte Waterborne Urethanized Acrylic

**Galvanized Steel**

2 coats Forte Waterborne Urethanized Acrylic

**Steel**

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Forte Waterborne Urethanized Acrylic

**Concrete Block/ Split face Block**

1 coat Pro Industrial Heavy Duty Block Filler\* or Loxon Acrylic Block Surfer  
2 coats Forte Waterborne Urethanized Acrylic

**Cement Composition Siding/Panels**

1 coat Loxon Concrete & Masonry Primer\*  
2 coats Forte Waterborne Urethanized Acrylic

**Plywood**

2 coats Forte Waterborne Urethanized Acrylic

**Interior Vertical Wood**

1 coat Premium Wall & Wood Interior Primer\*  
2 coats Forte Waterborne Urethanized Acrylic

**Exterior Vertical Wood**

1 coat Exterior Latex Waterbased Wood Primer  
2 coats Forte Waterborne Urethanized Acrylic

**Horizontal wood (Interior & Exterior)**

2 coats Forte Waterborne Urethanized Acrylic

**Horizontal Concrete Floors**

2 coats Forte Waterborne Urethanized Acrylic

**Horizontal Metal surfaces**

2 coats Forte Waterborne Urethanized Acrylic

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

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

# Forte™

## Waterborne Urethanized Acrylic 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](http://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.

**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. After power washing, previously painted masonry may still have a powdery surface that should be sealed with Loxon Conditioner and then apply 1 coat of **Forte**.

**Caulking:** Gaps between through-wall openings can be filled with the appropriate caulk after priming the surface. Allow proper drying time before application of the finish.

**Vertical Concrete, Masonry, Cement, Block:** All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete & Masonry Primer. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer. Remove all form release and curing agents. Rough surfaces should be filled to provide a smooth surface. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.

**Horizontal Concrete:** Concrete must be cured at least 28 days @ 75°F (24°C). Concrete must be free of moisture as much as possible (moisture seldom drops below 15% in concrete). Test for moisture or dampness on the concrete. If moisture is present, the source must be located and the cause corrected prior to painting. Surfaces should be thoroughly clean and dry. Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Use an appropriate cleaner based on the contaminant to remove. Allow to dry thoroughly prior to coating. Surfaces must offer sufficient profile to achieve adequate adhesion. If the concrete feels like 120-grit sandpaper, the pores are open enough for this product to bond properly with the substrate. If the surface does not have this texture, etch the surface with Concrete Etching Solution first, following label directions. For very smooth surfaces (troweled surfaces with no porosity) use Concrete Etching Solution at full strength. For smooth-troweled concrete with some porosity, 1 part Concrete Etching Solution to two parts water should be used. Rough textured concrete does not need to be etched.

### 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.

**Concrete Masonry Units (CMU):** Surface should be thoroughly clean and dry. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete & Masonry Primer. 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.

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

**Steel:** Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method.

**Unpainted Surfaces:** **Forte** can be used as a self-priming coating on many bare surfaces. When used this way, the first coat of **Forte** acts like a coat of primer and the second coat provides the final appearance and performance.

**Wood, Plywood, Oriented Strand Board (OSB), Hardboard:** Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of **Forte** may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using **Forte**.

### CAUTIONS

Protect from freezing.  
Non-Photochemically reactive.  
Not suitable for use on horizontal surfaces where hot tire pickup is a concern.  
Not suitable for use on vinyl siding.

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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SP, FR

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately 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. Do not pour unused contents down the drain. Consult with local authorities for method of disposal and recycling.

### PERFORMANCE

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| B71W00551 Forte Waterborne Urethanized Acrylic |                                               |
| System Tested: (unless otherwise noted)        |                                               |
| Substrate:                                     | Steel                                         |
| Surface Preparation:                           | SSPC-SP10                                     |
| Finish:                                        | 1 coat Forte @ 2.5 mils D.F.T.                |
| Dry Time:                                      | air dry, 7 days                               |
| <b>Abrasion Resistance:</b>                    |                                               |
| Method:                                        | ASTM D4060, CS17 Wheel, 1000 cycles, 1kg load |
| Result:                                        | 89 mg loss                                    |
| <b>Adhesion:</b>                               |                                               |
| Method:                                        | ASTM D4541                                    |
| Result:                                        | 580 p.s.i.                                    |
| <b>Corrosion Weathering:</b>                   |                                               |
| Method:                                        | ASTM D5894, ASTMD714                          |
| Result:                                        | Blistering, 5 cycles, 10N                     |
| Method:                                        | ASTM D5894, ASTMD610                          |
| Result:                                        | Corrosion, 5 cycles, 7C                       |
| <b>Direct Impact Resistance:</b>               |                                               |
| Method:                                        | ASTM D2794                                    |
| Result:                                        | 180 inch pound                                |
| <b>Dry Heat Resistance:</b>                    |                                               |
| Method:                                        | ASTM D2485                                    |
| Result:                                        | 250° F                                        |
| <b>Flexibility:</b>                            |                                               |
| Method:                                        | ASTM D522                                     |
| Result:                                        | passes at 1/8" mandrel                        |
| <b>Pencil Hardness:</b>                        |                                               |
| Method:                                        | ASTM D3363                                    |
| Result:                                        | 24 hrs = 2B, 7 days = HB                      |
| <b>Sag Test:</b>                               |                                               |
| Method:                                        | ASTM D4400                                    |
| Result:                                        | LSAG = 18                                     |
| <b>Water Vapor Permeance (US):</b>             |                                               |
| Method:                                        | ASTM D1653                                    |
| Result:                                        | 20.91 grains/(hr ft <sup>2</sup> in Hg)       |