**A-100® Exterior Latex Satin**

**A82-Series**

**CHARACTERISTICS**

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

- **Color:** Most Colors
- **Coverage:** 350-400 sq. ft. per gallon @ 4 mils wet; 1.4 mils dry
- **Drying Time, @ 50% RH:**
  - Touch: 2 hours @ 35°F, 2 hours @ 45°F +
  - Recoat: 24-48 hours @ 35°F, 4 hours @ 45°F +

**Finishing Time:**

- 10-20 units @ 60°
- Tinting with CCE only:
  - Base: oz. per gallon
  - Extra White: 0-6 SherColor
  - Deep Base: 4-12 SherColor
  - Ultradeep Base: 10-12 SherColor

**VOC (less exempt solvents):**

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

**Volume Solids:**

- 36 ± 2%

**Weight Solids:**

- 46 ± 2%

**Weight per Gallon:**

- 9.88 lbs

**Flash Point:**

- N/A

**Vehicle Type:**

- 100% Acrylic

**Shelf Life:**

- 36 months unopened

**WVP Perms (US):**

- 24.58 grains/(hr ft² in Hg)

**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 high quality 3/8-3/4 inch nap synthetic 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-.019 inch

**APPLICATION TIPS**

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

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

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

- Not for use at temperatures under 40°F. See specific primer label for that product’s application conditions.

- 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.

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

**COMPLIANCE**

As of 08/20/2020, 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®: Yes

**SPECIFICATIONS**

- PVC (less exempt solvents): less than 50 grams per litre; 0.42 lbs. per gallon
- Volume Solids: 36 ± 2%
- Weight Solids: 46 ± 2%
- Weight per Gallon: 9.88 lbs
- Flash Point: N/A
- Vehicle Type: 100% Acrylic
- Shelf Life: 36 months unopened
- WVP Perms (US): 24.58 grains/(hr ft² in Hg)

**Mildew Resistant**

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

**Concrete, Masonry, 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 should 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/Sealer. 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 Sealer. 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.

**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.

**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 abrasing method. Bare steel must be primed 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. Do not paint vinyl with a color having a Light Reflective Value (LRV) of less than 56. Painting with darker colors lower than an LRV of 56 may cause vinyl to warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer’s painting guidelines may cause the warranty to be voided.

**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

**CRYS TAL L INE 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.

**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.

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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 or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.