



**PRODUCT DATA SHEET**  
**PROD. #7400**  
**SIGNATURE SERIES PLUS SATIN FINISH**



**PRODUCT DESCRIPTION**



**Signature Series Plus Satin Finish** is a specially formulated, premium quality house and trim paint that incorporates the properties of a low temperature paint coating, approved to be applied at temperatures down to 35° F, along with the benefit of being a paint and primer in one. Formulated with advanced resin technology, it promotes superior durability, excellent color retention, and excellent weather resistance. It is easy to apply, provides excellent one coat coverage, and a smooth satin finish that resists dirt, streaking, and fading. It is non-yellowing, mildew and sulfide stain resistant, and is formulated to withstand variable temperature changes allowing for application in different climate types, making it ideal for both interior and exterior applications. **MILDEW RESISTANT** - This paint contains agents that inhibit the growth of mildew on the surface of this paint film. **FOR INTERIOR & EXTERIOR USE!**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
100% Acrylic Formula Low Temp Application Self Priming One Coat Coverage Excellent Durability Mildew & Sulfide Stain Resistant Non-Yellowing Easy To Apply	<b>INTERIOR &amp; EXTERIOR:</b> Drywall, Plaster, Ceilings, Masonry, Stucco, Concrete Block, Pre-Cast Concrete, Wood Trim & Siding, Aluminum, Galvanized Metal, Shutters, Etc.	<b>Product Quality:</b> Premium / Best <b>Product Use:</b> Interior & Exterior <b>Application Methods:</b> Brush, Roller & Airless Spray <b>Product System:</b> Water-Based <b>Sheen:</b> Satin <b>VOC Compliance:</b> AIM, OTC <b>Federal Standards:</b> N/A

**SURFACE PREPARATION**

**General:** The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders or grinders, etc.
- For exterior surfaces, pressure wash the entire surface area using a unit with a minimum of 2000 psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or power tool cleaned as mentioned above.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching and/or building materials. Allow all patching materials to dry thoroughly before application of paint coatings.
- Sand smooth all rough paint edges to adjacent surface area. Sand all glossy surfaces to effectively dull existing finish.
- Prime or spot prime all bare and/or new surface areas with Manufacturer's properly specified primer/sealer compatible to the surface type and before application of finish coating.

**Mildew** - Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

- 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 wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

**PRODUCT ANALYSIS DATA**

**PIGMENT: 26.86%**

**VEHICLE: 73.14%**

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.*

**TECHNICAL DATA**

- COLORS:** White & Tint Bases  
 7400 White      7401 Tint Base  
 7403 Deep Base    7403-A Accent Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Acrylic
- VISCOSITY:** 93 KU ± 3
- FINISH:** Satin
- FLASH POINT:** 214° F
- VOC:** Not to Exceed 150 g/l – 1.26 lb/gal  
 (Meets AIM & OTC Standards)
- SOLIDS:** By Volume: 33.14% ± 2%  
 By Weight: 47.41% ± 2%
- COVERAGE:** 300 – 400 Sq. Ft. / Gal.  
 (Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 350 Sq. Ft. / Gal.  
**Wet:** 4.5 mils      **Dry:** 1.5 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)  
 To Touch: 2 – 3 Hours  
 Recoat: 4 – 6 Hours or after overnight dry.
- CLEAN UP:** Warm Soapy Water
- THINNING:** Clean Water

## RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming over some new and previously painted surfaces, the following Richard's products are recommended primer coatings for this finish coating material. However, recommended Richard's primer coatings are not limited to the products listed below.

- **New Gypsum Drywall / Plaster:**
  - Self-Priming
  - PPS 100% Acrylic Universal Primer/Sealer Stain Killer (7-44)
- **New Staining Woods:**
  - PPS 100% Acrylic Universal Primer/Sealer Stain Killer (7-44)
- **Non Staining Woods:**
  - Self-Priming
  - PPS 100% Acrylic Universal Primer/Sealer Stain Killer (7-44)
- **New Masonry**
  - Self-Priming
  - Rich Flex Alkali Resistant Masonry Primer (1414)
- **New Non-Ferrous, Aluminum & Galvanized Metal:**
  - PPS 100% Acrylic Universal Primer/Sealer Stain Killer (7-44)
- **New Ferrous Metal:**
  - N/A
- **Previously Painted Surfaces:**
  - Self-Priming

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a 3/8" - 1 1/4" nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Airless Spray Application:**
  - **Pump:** Graco – GM3000/495ST                      Wagner – EP2300
  - **Tip:** 0.017 – 0.019 Reversible
  - **Pressure:** Minimum 2000 psi
  - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

## PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quarts – 6/case	Gallons – 4/case
2 Gallons – N/A	5 Gallons – Each
- **Weight Per Gallon:** 10.33 lbs.

## CLEAN UP & THINNING INSTRUCTIONS

**Clean Up:** Clean up any minor spills and splatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

**Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add clean water up to 1/2 pint per gallon.

## WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

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## PRODUCT APPLICATION – General

**Signature Series Plus Satin Finish** may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- For best results, it is recommended to apply two finish coats.
- To assure color uniformity, always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color.
- Always paint to a natural break in the surface, such as a corner or edge.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.017 – 0.019 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface temperatures are above 35° F and below 90° F. The temperature must remain 5° F above the dew point after paint application to avoid condensation forming on wet paint. Do not apply product if air or surface temperature is expected to drop below 35° F within the next 24 hours.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

## PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.
- Deep & Accent Bases must be applied at temperatures above 50° F.

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS:** Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Use chemical safety glasses, goggles or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

**FIRST AID:** In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

**KEEP OUT OF REACH OF CHILDREN!**