



# PRODUCT DATA SHEET

## PROD. 100 SERIES

### SIGNATURE SERIES

### 100% ACRYLIC EXTERIOR FLAT HOUSE PAINT



#### PRODUCT DESCRIPTION

Richard's Signature Series 100% Acrylic Exterior Flat House Paint is a premium quality house and trim paint formulated for application in temperatures as low as 40° F. It provides excellent adhesion to various painted and unpainted surfaces, making it well-suited for use as a paint and primer in one. Formulated with advanced resin technology, it provides superior durability, excellent color retention, and excellent weather resistance. It is easy to apply, provides excellent one-coat coverage, and has a flat finish that resists dirt, streaking, and fading. It is non-yellowing, mildew, and sulfide stain resistant and withstands variable climate conditions. It is ideal for interior and exterior applications. Mildew Resistant - This paint contains agents that inhibit the mildew growth on the paint surface.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> <li>100% Acrylic Formula</li> <li>Self-Priming</li> <li>Superior Weather Resistance</li> <li>Excellent Durability</li> <li>Mildew Resistant</li> <li>Excellent Coverage</li> <li>Easy To Apply</li> <li>Low Temp Application</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR/EXTERIOR</b></p> <ul style="list-style-type: none"> <li>Gypsum Drywall</li> <li>Plaster</li> <li>Ceilings</li> <li>Masonry</li> <li>Stucco</li> <li>Concrete Block</li> <li>Wood Trim &amp; Siding</li> <li>Wood Fencing</li> <li>Aluminum</li> <li>Galvanized Metal</li> </ul> <p><b>Great For Interior &amp; Exterior Use</b></p>	<p><b>Product Quality:</b> Premium Best</p> <p><b>Product Use:</b> Interior &amp; Exterior</p> <p><b>Application:</b> Brush, Roller &amp; Spray</p> <p><b>Product System:</b> Water-Based</p> <p><b>Sheen:</b> Flat</p> <p><b>MPI Standards:</b> No</p> <p><b>VOC Compliance:</b> Compliant In All Areas In the U.S and Canada</p>

#### SURFACE PREPARATION

**GENERAL:** The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew, mill scale, form release agents, curing compounds, and any other surface contaminants that may adversely affect coating performance. For best results pressure wash exterior surfaces using a unit with a minimum of 2000 psi of pressure with a commercial strength detergent, or manually scrub the surface with detergent to remove contaminants. Rinse thoroughly with clean water and allow surfaces to thoroughly dry.

- PREVIOUSLY PAINTED SURFACES:** 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. Sand rough paint edges smooth to adjacent surface area. Sand glossy surfaces to dull the existing finish. Spot prime bare surfaces as recommended and allow to dry thoroughly before applying finish coatings.
- SURFACE REPAIRS:** Repair/replace any damaged and/or delaminated surface areas with the proper recommended patching and/or building materials. Allow patching materials to dry thoroughly before application of paint coatings.
- METAL SURFACES:** Wash metal surfaces to remove any oil, grease, or other contamination. All rust, mill scale, and corrosion must be removed with sandpaper, wire brush, or other abrading method. Bare steel must be primed the same day as cleaned.
- DRYWALL:** Ensure that the surface is dust & chalk free and primed with recommended primer.
- MASONRY / CONCRETE:** Allow a minimum of 30 days to properly dry/cure before painting. The surface should be tested for pH and alkali levels and should not read higher than 10.0. Clean surface thoroughly to remove form release and curing agents, laitance, efflorescence, contaminants, oil, grease and embedded chemicals.
- WOOD:** All new wood surfaces must be clean, dry, and sound, and should be properly primed and painted before installation or immediately after. Remove any grade stamps or pencil marks from new wood by lightly sanding. Wood moisture content should be below 15% and wood surfaces that have a mill glaze should be sanded to allow for proper adhesion.
- MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or cleaner. Follow the manufacturer's application and safety directions. Rinse thoroughly with clean water and allow surfaces to dry a minimum of 24 hours.

**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).

#### TECHNICAL DATA

- COLORS:** White & Tint Bases
    - 100.0 White
    - 100.1 Tint Base
    - 100.2 Deep Base
    - 100.3 Accent Base
  - TINTING:** Universal Colorants
  - VEHICLE TYPE:** 100% Acrylic
  - VISCOSITY:** 100 KU ± 2
  - GLOSS @ 60°:** Flat | 0 - 5 units
  - GLOSS @ 85°:** Flat | 7 - 11 units
  - FLASH POINT:** N/A
  - COATING VOC:** Not to Exceed 50 g/l – 0.42 lbs./gal  
(Compliant In All Areas In the U.S and Canada)
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- SOLIDS BY VOLUME:** 41.65% ± 2%
  - SOLIDS BY WEIGHT:** 57.76% ± 2%
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- ESTIMATED COVERAGE:** 300 – 400 SFPG  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
  - RECOMMENDED MIL FILM:** (Estimated @ 350 SFPG)  
**Wet:** 4.6 mils      **Dry:** 1.9 mils
  - ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 1-2 hrs. | **Recoat:** 6 - 8 hrs. or overnight.  
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
  - DRIES BY:** Coalescence / Solvent Evaporation
  - CLEAN UP:** Warm Soap & Water
  - THINNING:** Clean Water
  - WEIGHT/GAL:** 11.67 lbs.
  - SHELF LIFE:** 2 - 3 years unopened.
  - PACKAGING:** Qts. – 6/cs. | Gal. – 4/cs. | 5 Gal. - Each

## RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on sound and properly prepared painted surfaces, the following Richard's primers are recommended for use on new or bare substrates;

### New Gypsum Drywall / Plaster:

- 711.101 - HOLZTITE Acrylic Enamel Undercoat
- 722.101 - HOLZTITE Alkyd Enamel Undercoat
- 26.101 - HOLZOUT 100% Acrylic Primer/Sealer Stain Killer
- 306.101 - Rich Tex Latex Drywall Primer

### New Wood:

- 722.101 - HOLZTITE Alkyd Enamel Undercoat
- 26.101 - HOLZOUT 100% Acrylic Primer/Sealer Stain Killer

### New Masonry

- 56.050 - Signature Series Waterborne Epoxy Ester Bonding Liquid
- 1414.101 - Rich Flex Alkali Resistant Acrylic Masonry Primer
- 1791.101 - Rich Tex 100% Acrylic Pigmented Surface Conditioner
- 1791.010 - Rich Tex 100% Acrylic Clear Surface Conditioner

### New Non-Ferrous, Aluminum & Galvanized Metal:

- 1200.111 - EXCEL 100% Acrylic DTM Gray Metal Primer
- 1200.101 - EXCEL 100% Acrylic DTM White Metal Primer

### New Ferrous Metal:

- 1000.121 - Rust Shield Red Oxide Metal Primer
- 1000.101 - Rust Shield Rust Inhibitive Metal Primer

### Previously Painted Surfaces:

- 56.050 - Signature Series Waterborne Epoxy Ester Bonding Liquid
- 1791.101 - Rich Flex 100% Acrylic Pigmented Surface Conditioner
- 1791.010 - Rich Flex 100% Acrylic Clear Surface Conditioner

## APPLICATION EQUIPMENT

**Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.

**Roller Application:** Apply using a ¾" - 1¼" nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.

### **Spray Application:**

- **Pump:** Gas or Electric Airless Sprayer
- **Pressure:** Minimum 2000 PSI
- **Tip:** 0.017 – 0.019 Reversible
- **Hose:** ¼ inch (6.3 mm) - ⅝ inch (10 mm)

## CLEAN UP & THINNING INSTRUCTIONS

**Clean Up:** Clean up any minor spills and spatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious 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 ½ pint per gallon.

**KEEP OUT OF REACH OF CHILDREN!**

## LIMITED WARRANTY

Richard's Paint warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

## LIMITATIONS

Seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.

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## PRODUCT APPLICATION – General

Richard's Signature Series 100% Acrylic Exterior Flat House Paint may be easily applied with a quality brush, roller, or spray equipment as follows.

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- For the 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.
- During application, always paint to a natural break in the surface, such as a corner or edge.

**Brush Applications:** When applying by brush, use a quality synthetic bristle brush and apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.

**Roller Application:** When applying by roller cover, use a quality smooth, medium or rough nap roller, depending on surface porosity, and apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.

**Spray Application:** When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.017 – 0.019 spray tip.

- Rough or textured surfaces coated using spray equipment should be backrolled to ensure a uniform film, even coverage and proper adhesion.
- Maintain a wet edge during application by brushing, rolling, or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 40°F and below 90°F. Do not apply when surface and air temperature is within 5°F of the dew point. Temperatures should not fall below 40° F for at least 24 hours after paint application.
- Avoid exterior paint applications when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

**KEEP FROM FREEZING!**

## 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.

## 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.