



## PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 640 SERIES

RICH SHIELD 100% ACRYLIC  
SATIN HOUSE & TRIM PAINT

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### PRODUCT DESCRIPTION

Richard's Rich Shield 100% Acrylic Satin House & Trim is our premium quality satin house & trim paint coating. Its special formulation provides superior durability, excellent color retention, and excellent weather resistance. Easy to apply, it provides superior coverage, a smooth satin finish that resists streaking, and lap marks. It is non-yellowing, mildew and sulfide stain resistant which makes it ideal for interior and exterior use. **MILDEW RESISTANT** - This paint contains agents which inhibit the growth of mildew on the surface of this paint film. **FOR INTERIOR & EXTERIOR USE!**

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### SUGGESTED PRODUCT USE

*SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:*

**MASONRY \* CONCRETE BLOCK \* STUCCO \* PRECAST & POURED CONCRETE \* PLASTER \* BRICK \* WOOD SIDING  
WOOD TRIM \* ALUMINUM \* GALVANIZED METALS \* SHUTTERS \* DRYWALL \* CEILINGS**

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### PRODUCT FEATURES

**SUPERIOR DURABILITY \* PRODUCT VERSATILITY \* NON-YELLOWING \* ONE COAT COVERAGE \* MILDEW RESISTANT  
SULFIDE STAIN RESISTANT \* SMOOTH SATIN FINISH**

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### PRODUCT SPECIFICATION DATA

* <b>COLORS:</b>	White & Tint Bases For Mixing Custom Colors
* <b>FINISH:</b>	Satin
* <b>FLASH POINT:</b>	214° F.
* <b>METHOD USED:</b>	T.C.C.
* <b>COATING V.O.C.:</b>	<b>Not To Exceed - 1.25 LB/GAL. - (150 GRAMS/LTR.)</b>
* <b>SOLIDS:</b>	By Volume: 33.07% ± 2% By Weight: 47.22% ± 2%
* <b>RECOMMENDED MIL FILM:</b>	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.5 mils - (Estimated at 350 Square Feet Per Gallon).
* <b>ESTIMATED COVERAGE:</b>	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and the porosity of the surface area.
* <b>CLEAN UP:</b>	<b>Warm Soapy Water</b>
* <b>THINNING:</b>	<b>Clean Water</b>
* <b>ESTIMATED DRY TIME:</b>	Dries to the touch in approximately 2 - 3 hours, for recoat in 4 - 6 hours or after overnight dry, depending on conditions.

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### PRODUCT ANALYSIS DATA

PIGMENT: 28.13%

VEHICLE: 71.87%

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

## SURFACE PREPARATION

**GENERAL:** The entire surface area to be painted should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew and any other surface contaminants. Remove any loose scale, chalked, cracked and peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning such as pressure washing. Lightly sand all glossy surface areas to effectively dull existing sheen levels, as well as feather sand all rough paint edges smooth to adjacent surface area. Repair/replace all damaged and/or delaminated surface areas. Prime all bare and/or new surface areas with the Manufacturer's properly specified primers/sealers compatible to the surface type before application of finish coating.

**Mildew** - Surface areas affected by mildew should be washed with a commercial mildew removal 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 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).

**\* NOTE: All "NEW" cementitious substrates such as, Stucco, Cement Block, Masonry, Poured Concrete, etc., should be allowed to properly dry & cure for approximately 30 days, in accordance with industry standards. Richard's Paint Co. will not be held liable for product failure if these types of surfaces are painted too soon.**

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## PRODUCT APPLICATION

**Richard's Rich Shield 100% Acrylic Satin House & Trim** may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a quality brush and/or roller cover. If applying with a brush, apply a smooth and generous coat application on/in small surface areas, such as trim or cutting-in larger surface areas. If applying with a roller cover, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading or reworking. Maintain a wet edge by brushing and/or rolling into previously applied coating area. If applying by airless spray, it is recommended to use a unit with a minimum of 2500 psi of pressure, with a 0.017 - 0.019 fluid spray tip. During spray application, the surface area should be back-rolled to ensure proper adhesion and an even coat application. Apply when surface and ambient temperatures are above 55° F and below 90° F. Avoid application outside when weather conditions are threatening, or late in the afternoon when there is a threat of moisture condensing on wet paint. **Keep From Freezing!**

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## PRECAUTIONS

**CAUTION: KEEP OUT OF REACH OF CHILDREN!** Avoid prolonged contact with skin and breathing of vapors and/or spray mists. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. When spraying this material, use an **OSHA** approved cartridge respirator. 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 soap and water. For eye contact, flush thoroughly with plenty of water for 15 minutes, **Seek Immediate Medical Attention!** If affected by inhalation, move immediately to fresh air. If swallowed, **Do Not Induce Vomiting, Seek Immediate Medical Attention!**

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## MIXING INSTRUCTIONS & PACKAGING

Stir thoroughly and apply as it comes from the container. **No Thinning Is Necessary!** However, if thinning is required, you may add clean water up to ½ pint per gallon.

\* **Pint Cans:** N/A

\* **Quart Cans:** 6 Per Case

\* **Gallon Cans:** 4 Per Case

\* **Two Gallon Cans:** N/A

\* **Five Gallon Cans:** Each

\* **Weight Per Gallon:** 10.55 lbs.

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