



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 680 SERIES

RICH SHIELD PREMIUM 100% ACRYLIC
INT./EXT. SEMI-GLOSS ENAMEL

PRODUCT DESCRIPTION

Richard's Rich Shield Premium 100% Acrylic Semi-Gloss Enamel is our premium quality acrylic semi-gloss formulated for a variety of interior and exterior applications. Its new "Spatterless Formula" is easy to apply, offers superior coverage, is fast drying, and resists streaking and lap marks during application. It provides excellent color retention, provides a tough, durable semi-gloss finish, is non-yellowing, mildew and sulfide stain resistant, while offering excellent weatherability. **Mildew Resistant** - This paint coating contains agents which inhibit the growth of mildew on the surface of this paint film. **FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

MASONRY * STUCCO * PRECAST & POURED CONCRETE * CEMENT BLOCK * BRICK * GALVANIZED METALS * ALUMINUM
WOOD TRIM* WOOD SIDING * DRYWALL * PLASTER * CEILINGS * BATHROOMS * KITCHENS
INT./EXT. WOOD OR METAL DOORS

PRODUCT FEATURES

EASY TO APPLY * SPATTERLESS FORMULA * SUPERIOR DURABILITY * MILDEW RESISTANT * SULFIDE STAIN RESISTANT
SEMI-GLOSS FINISH * CONTAINS NO LEAD PIGMENTS

PRODUCT SPECIFICATION DATA

* COLORS:	White & Tint Bases for Mixing Custom Colors.
* FINISH:	Semi-Gloss
* FLASH POINT:	214° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - 1.67 LB/GAL. - (200 GRAMS/LTR.)
* SOLIDS:	By Volume: 29.92% ± 2% By Weight: 43.06% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.4 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and the porosity of the surface area to be painted.
* THINNING & CLEAN UP:	Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 2 - 4 hours, for recoat in 6 - 8 hours or overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 22.21%

VEHICLE: 77.79%

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 or peeling paint from previously painted substrates by hand scraping, sanding, wire brushing and/or power tool cleaning. Previously painted substrates that show signs of severe deterioration should be completely stripped down to a more suitable and/or stable substrate. Repair/replace any damaged and/or delaminated surface areas. Lightly sand smooth all rough paint edges to the adjacent surface area and sand all glossy surfaces to effectively dull any existing sheen levels. Spot prime all **Bare** and/or **New** surface areas with the Manufacturer's recommended primers/sealers.

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.

* **Special Note:** All "**NEW**" cementitious surfaces, such as Stucco, Masonry, Cement Block, etc. should be allowed 30 days to properly dry cure. This will reduce the high acidity and alkalinity usually found in most new cementitious substrates, thus adding to the overall longevity of the finish paint coating. **Richard's Paint Mfg. Co., Inc.** will not be held liable for product failure if these type of substrates are painted too soon.

PRODUCT APPLICATION

Richard's Rich Shield Premium 100% Acrylic Semi-Gloss Enamel may be easily applied with a quality brush, roller, or airless spray equipment. If applying with a brush, apply a smooth and generous coat application on/in smaller 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 a "**M**" or crisscross motion, avoiding any excessive respreading or reworking. Always maintain a proper wet edge by brushing/rolling into previously applied coating area. If applying by airless sprayer, it is recommended to use a unit with a minimum of 2000 psi of pressure, with a 0.017 - 0.019 fluid spray tip. During spray application, the surface area should be properly back-rolled to ensure proper adhesion and an even coat application. Avoid application outside when weather conditions are threatening and late in the afternoon when there is a threat of moisture condensing on wet paint. Apply when surface and ambient temperatures are above 55° F. and below 90° F.

KEEP FROM FREEZING!

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!

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:** 10.37 lbs.

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