



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 6-210

RICH SHIELD MODIFIED ACRYLIC HOUSE & TRIM PRIMER

PRODUCT DESCRIPTION

Richard's Rich Shield Modified Acrylic Primer has been formulated for application as a multi-purpose primer, designed for both interior and exterior use on a variety of substrates. Working with new technologies in resin compositions, its superior adhesion qualities allows for application to not only new surfaces, but to previously painted substrates as well. It has excellent one coat coverage, is mildew resistant, dries fast and also performs as an effective moisture barrier. **FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

INTERIOR WOOD TRIM * EXTERIOR WOOD TRIM * STUCCO * MASONRY * CEMENT BLOCK * BRICK * WOOD SIDING
WOOD FENCES * ALUMINUM * GALVANIZED METALS * PLASTER * WALLBOARD * DRYWALL

PRODUCT FEATURES

NEW RESIN TECHNOLOGY * PRODUCT VERSATILITY * SUPERIOR ADHESION * ONE COAT COVERAGE
MILDEW RESISTANT * QUICK DRY * EFFECTIVE MOISTURE BARRIER

PRODUCT SPECIFICATION DATA

* COLORS:	White
* FINISH:	Flat
* FLASH POINT:	N/A
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 2.09 LB/GAL. - (250 GRAMS/LTR.)
* SOLIDS:	By Volume: 32.01% ± 2% By Weight: 47.32% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon) Dry: 1.5 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.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to touch in approximately 45 min. - 1 hour, for recoat in 2 - 4 hours, or after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 30.76%

VEHICLE: 69.24%

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 surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas. Lightly sand all glossy surfaces to a dull finish. If "**Tannic Acid Bleeding**" should occur on wood siding, after application, apply a second coat application of **Richard's #7-44, PPS 100% Acrylic Primer/Sealer Stain Killer**.

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.

PRODUCT APPLICATION

Richard's Rich Shield Modified Acrylic Primer may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller, to effectively work primer into surface pores. When applying with a brush, apply a smooth and generous coat application in/on small surface areas such as, trim or cutting-in larger surface areas. When applying with a roller cover, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading or reworking. Always maintain a wet edge by brushing or rolling into the previously applied coating area. On wood surfaces, apply primer with the wood grain. If applying with an airless sprayer, 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 insure proper adhesion, even application and to effectively work primer into surface pores. Apply when surface and ambient temperatures are above 55° F and below 90° F. Avoid paint 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!**

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! Keep away from heat, sparks and open flames. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. 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 warm soapy water. For eye contact, flush 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 1/2 pint per gallon.

* **Pint Cans:** N/A

* **Quart Cans:** N/A

* **Gallon Cans:** 4 Per Case

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

* **Five Gallon Cans:** N/A

* **Weight Per Gallon:** 10.71 lbs.

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