

PRODUCT DATA SHEET PROD. #305 RICHTEX LEVEL-FIVE SMOOTH DRYWALL PRIMER/SURFACER



PRODUCT DESCRIPTION



RichTex Level-Five Smooth Drywall Primer/Surfacer is a professional quality primer that is specially formulated to provide a smooth and uniform plaster-like hard "Level 5" finish to interior new and previously painted drywall, plaster and masonry surfaces. It provides excellent coverage and sealing properties, hides surface imperfections and joint flashing, and creates a smooth surface. Easy to apply, it is self-leveling, offers excellent sanding properties, and replaces the need for conventional primers, while providing a smooth finish for the application of both water-based and oil-based finish coatings.

	PRODUCT FEATURES	PRODUCT USES		PERFORMA	PERFORMANCE QUALITIES		VOC COMPLIANCE	
•	 Acrylic Formula 	Suitable for the following properly prepared surfaces;		Product Quality:	Professional	AIM	Yes	
•	 Level 5 Smooth Finish 	<u>INTERIOR</u>		Product Use:	Interior	OTC	Yes	
•	 Excellent Coverage 	Gypsum Drywall	Masonry & Concrete	Application:	Airless Spray	CARB	Yes	
•	 Hides Surface Imperfections 	Plaster	Walls	Product System:	Water-Based	SCAQMD	Yes	
•	Primes & Seals	1		Finish:	Flat	MPI#	No	
•	 Self-Leveling 	For Interior Use Only!				LEED® 09CI	Yes	
•	 Excellent Sanding Properties 	Į.				LEED® 09NC	Yes	
•	 Easy To Apply 	1				LEED® 09CS	Yes	
		4				LEED® H	Yes	

SURFACE PREPARATION

<u>General:</u> The entire surface area to be painted should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew, efflorescence, curing compounds, and any other surface contaminants that may cause paint failure.

- New masonry and/or cementitious surfaces should be allowed 30 -90 days to properly dry/cure, and tested for "alkali" content before paint application.
- Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning methods, such as electric sanders, grinders, etc.
- Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching and/or building materials. Allow all patching materials to dry thoroughly before paint application.
- Sand all rough paint edges smooth to adjacent surface area. Glossy surfaces must be dulled.

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 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.

PRODUCT ANALYSIS DATA

<u>PIGMENT: 44.08%</u> <u>VEHICLE: 55.92%</u>

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

COLORS: White

· TINTING: Not Recommended

VEHICLE TYPE: Acrylic Latex

VISCOSITY: 105 KU ± 2

• GLOSS @ 60°: Flat / 0 - 5 units

FLASH POINT: N/A

 VOC: Not to Exceed 100 g/l – 0.84 lb/gal (Meets AIM, OTC, CARB & SCAQMD Standards)

• **SOLIDS:** By Volume: 35.28% ± 2% By Weight: 52.61% ± 2%

 COVERAGE: 75 – 100 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)

MIL FILM: Estimated @ 75 Sq. Ft. / Gal.
 Wet: 21.4 mils
 Dry: 7.5 mils

DRY TIME: (@ 70° F & 50% Relative Humidity)
 To Touch: 4 – 6 Hours
 Recoat: Overnight

CLEAN UP: Warm Soapy Water

THINNING: DO NOT THIN!

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material. However, recommended Richard's finish coatings are not limited to the products listed below;

FLAT FINISHES

- 100, Signature Series 100% Acrylic Int./Ext. Flat House Paint
- 350, Rich Classic Int./Ext. Acrylic House Paint
- · 650, Rich Shield Premium 100% Acrylic Flat House Paint

LO-LUSTER/EGGSHELL FINISHES

- 130, Signature Series 100% Acrylic Lo-Luster House & Trim Paint
- 370, Rich Classic Acrylic Eggshell House & Trim Paint
- · 630, Rich Wall Premium Latex Eggshell Enamel

SATIN FINISHES

- · 360, Rich Classic Acrylic Satin House & Trim Paint
- 400, Signature Series 100% Acrylic Satin House & Trim Paint
- 640, Rich Shield Premium 100% Acrylic Satin House & Trim Paint

SEMI-GLOSS FINISHES

- 380. Rich Classic Acrylic Semi-Gloss Enamel
- 680, Rich Shield Premium 100% Acrylic Semi-Gloss Enamel
- 750, Signature Series 100% Acrylic Semi-Gloss Enamel

GLOSS FINISHES

- 200, Signature Series 100% Acrylic Gloss House & Trim Paint
- 660, Rich Shield Premium100% Acrylic Gloss House & Trim Paint

APPLICATION EQUIPMENT

- Brush Application: Formulated for spray application only.
- Roller Application: Formulated for spray application only.
- Spray Application:

Pump: Gas or Electric Airless Sprayer
 Pressure: Minimum 2700 – 3000 PSI
 Tip: 0.625 – 0.831 Reversible
 Hose: ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

Packaging: Quarts – N/A Gallons – N/A
 2 Gallons – N/A 5 Gallons - Each

• Weight per Gallon: 11.62 lbs.

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.

PRODUCT APPLICATION - General

RichTex Level-Five Smooth Drywall Primer/Surfacer is specifically formulated for application by airless spray equipment.

- For best results, it is recommended to use a unit with a minimum of 2700 -3000 psi of pressure, and an output of at least 1 gallon per minute, with a 625 - 831 spray tip.
- For tight areas, you may want to lower the pressure on your pump and use a smaller tip, such as 519 spray tip. Use a 30 mesh filter for your airless and REMOVE THE GUN FILTER.
- Material line should be % inch in diameter for the first 50 feet of hose, then
 you can reduce to ¼ inch.
- There are two methods to apply product to achieve a level 5 finish. The first method is to apply product at 20 mils wet, and allow to dry.
- · Touch up any areas if needed and allow to dry thoroughly.
- Sand the surface of the touch up areas with 220 grit sandpaper or sanding screen. Apply a second coat at 20 mils, and allow to dry.
- The second method is to apply material at 30 mils all at once. This method requires close attention to avoid cratering from material hitting wet material. Cratering can start to occur at 40 mils.
- Spray application not recommended to exceed 30 mils in one application.
 When sprayed at 30 mils, product will dry to approximately 11mils.
- Material should be applied to walls first to eliminate fallout on sanding fuzz.
- During spray application, the surface area may be back-rolled to insure proper adhesion, an even coat application and to effectively work primer into surface pores, however, back-rolling will leave a stipple effect.
- Once material is completely dry you may sand the surface with 220 grit sandpaper or sanding screen to create a smooth plaster-like finish.
- Allow material to dry thoroughly before applying recommended finish coatings.
- Apply when surface and ambient temperatures are above 55°F.

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

<u>CAUTIONS:</u> 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!

WARRANTY & LIMITATIONS

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