

PRODUCT DATA SHEET PROD. #1300 SERIES RICH-AIR ZERO VOC ACRYLIC LATEX INTERIOR FLAT ENAMEL



PRODUCT DESCRIPTION



Rich-Air Zero VOC Acrylic Latex Interior Flat Enamel is specially formulated as an environmentally responsible premium quality interior flat wall finish that is odor free and contains zero VOC's - (Volatile Organic Compounds). While being virtually odor free both during and after application, it also features a spatter resistant formula that promotes ease of application, superior coverage and outstanding durability. It is self-priming over most properly prepared new or previously painted surfaces, is stain and abrasion resistant, and is ideally suited for application in occupied areas such as, Hospitals, Office Buildings, Government Buildings, Schools, Hotels/Motels, Nursing Homes, Schools, Apartments, etc., where low VOC coatings can benefit the health concerns of these types of environments.

PRODUCT FEATURES	PRODUCT USES		PERFORMANCE QUALITIES		VOC COMPLIANCE	
Zero VOC's	Suitable for the following properly prepared surfaces;		Product Quality:	Premium / Best	AIM	Yes
 Virtually Odorless 	<u>INTERIOR</u>		Product Use:	Interior	OTC	Yes
 Spatter Resistant Formula 	Gypsum Drywall	Masonry Block	Application:	Brush, Roller Cover,	CARB	Yes
 Superior Coverage 	Plaster	Concrete		Airless Spray	SCAQMD	Yes
Excellent Durability	Ceilings	Galvanized Metal	Product System:	Water-Based	MPI#	No
Self-Priming	Wall Board	Aluminum	Finish:	Flat	LEED® 09CI	Yes
Stain Resistant	Wood	Acoustical Surfaces			LEED® 09NC	Yes
 Easy To Apply 					LEED® 09CS	Yes
,,	For Interior Use Only!				LEED® H	Yes

SURFACE PREPARATION

<u>General:</u> The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- 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.
- For metal surfaces, remove any loose rust, mill scale, rust deposits or white rust from metal surface by the same methods as described above.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching and/or building materials. Allow all patching materials to thoroughly dry before application of paint coatings.
- Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces to effectively dull existing finish.
- Prime and/or spot prime all bare and new surface areas with Manufacturer's properly specified primer/sealer compatible to the surface type and before application of finish coating.

Mildew - Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash 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: 38.83%</u> <u>VEHICLE: 61.17%</u>

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

· COLORS: White & Tint Bases

1300 White 1301 Tint Base 1302 Deep Base 1303-A Accent Base

 TINTING: Zero VOC & Universal Colorants (Added colorants may increase VOC levels significantly depending on color.)

VEHICLE TYPE: Acrylic

VISCOSITY: 94 KU ± 1

GLOSS @ 60°: Flat / 0 – 5 units

FLASH POINT: N/A

 VOC: Not to Exceed 50 g/l – 0.42 lb/gal (Meets AIM, OTC, CARB & SCAQMD Standards)

SOLIDS: By Volume: 41.31% ± 2%
 By Weight: 57.73% ± 2%

• COVERAGE: 300 – 400 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)

MIL FILM: Estimated @ 350 Sq. Ft. / Gal.
 Wet: 4.6 mils
 Dry: 1.9 mils

• DRY TIME: (@ 70° F & 50% Relative Humidity)

To Touch: 1-2 Hours

Recoat: 4 – 6 Hours, or after overnight dry.

CLEAN UP: Warm Soapy Water

THINNING: NOT RECOMMENDED!

RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on properly prepared painted surfaces in good condition, the following Richard's products are recommended primer coatings for this finish coating material. However, recommended Richard's primer coatings are not limited to the products listed below;

· New Gypsum Drywall / Plaster:

- · 7-11, PPS Latex Primer/Sealer Undercoater
- · 7-44, PPS Universal Acrylic Primer/Sealer Stain Killer
- 1305, Rich-Air Zero VOC Acrylic Primer

New Wood:

- · 7-22, PPS Universal Alkyd Primer/Sealer Undercoater
- · 7-44, PPS Universal Acrylic Primer/Sealer Stain Killer
- 1305, Rich-Air Zero VOC Acrylic Primer

New Masonry

- 56, Signature Series Waterborne Epoxy Ester Bonding Liquid
- · 1305, Rich-Air Zero VOC Acrylic Primer
- 1414, Rich Flex Alkali Resistant Acrylic Masonry Primer

· New Non-Ferrous, Aluminum & Galvanized Metal:

- · 1017, Rust Shield Zinc Chromate Metal Primer
- 1215/1220, Rust Shield II 100% Acrylic DTM Gray/White Metal Primers

New Ferrous Metal:

- 1015, Rust Shield Red Oxide Metal Primer
- 1018, Rust Shield Rust Inhibitive Metal Primer

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 1500 – 2000 psi
 Tip: 0.017" – 0.019" Reversible
 Hose: ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

Packaging: Quarts – N/A Gallons – 4/case
 2 Gallons – N/A 5 Gallons - Each

Weight per Gallon: 11.66 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. However, if thinning is required, you may add clean water up to ½ pint per gallon.

PRODUCT APPLICATION - General

Rich-Air Zero VOC Acrylic Latex Interior Flat Enamel may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- · For best results, it is recommended to apply two (2) finish coats.
- To assure color uniformity always intermix multiple containers of custom tinted and/or 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.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment use a unit with a minimum of 2000 psi of pressure, with a 0.017" – 0.019" fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° 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

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.

KEEP OUT OF REACH OF CHILDREN!

WARRANTY & LIMITATIONS

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