



Pre-Catalyzed Waterborne Epoxy Interior

Satin Finish • 5220

Product Description

A specially formulated pre-catalyzed, single component interior acrylic epoxy coating that offers performance similar to traditional two-component waterborne epoxies, but without all the difficulties that two-component products exhibit. The satin finishes offer excellent hardness, durability, stain and abrasion resistance. It is easy to apply, offers excellent coverage, adhesion, and provides excellent corrosion and chemical resistant properties. Its special formulation is low odor, VOC compliant and ideal for application in schools and medical facilities.

<p>Recommended Substrates</p> <ul style="list-style-type: none"> • Primed ferrous & non-ferrous metals • Wood doors and trim • Drywall and plaster • Brick, masonry and concrete <p>Product Features</p> <ul style="list-style-type: none"> • Waterborne epoxy formula • Excellent durability and coverage • Abrasion and corrosion resistant • Excellent color and gloss retention • Low odor and VOC compliant • Soap and water clean up <p>Product Limitations</p> <p>This product is for interior use only on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.</p>	<p>Available bases 5220: WB TB DB AB</p> <p>Application: Brush, roller, airless or conventional spray</p> <p>Dry time @ 50% RH*: 1 HR to touch 6 - 8 HRS recoat 72 HRS full cure</p> <p>*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment</p> <p>Flash Point: Nonflammable >200°F Clean Up: Soap and water</p> <p>Compliance</p> <p>These products are VOC compliant based on limits provided by EPA, CARB, and OTC Phases 1 & 2.</p>	<p>Product Data</p> <p>Product Type: Waterborne Acrylic Epoxy</p> <p>5220</p> <p>Gloss @60°: 15-25</p> <p>Wt Solids ±2%: 52% Vol Solids ±2%: 35%</p> <p>Wet Film Mils: 4.0 - 5.3 Dry Film Mils: 1.4 - 1.9 Coverage / Gal*: 300 - 400</p> <p>* coverage and wet and dry millage will vary by substrate type and porosity. VOC gms p/L**: <250 ** less exempt solvents and before the addition of colorant Viscosity KU ±5: 107</p>
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Surface Preparation

Caution! There is the potential to release lead dust if you sand scrape or remove old paint. Lead is toxic and exposure to lead dust particles can cause serious illness including brain damage especially in children. Pregnant women should avoid exposure. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Clean up carefully with a HEPA vacuum and a wet mop. Before starting your project, you can find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or visit their website at www.epa.gov/lead.

General Surface Preparation: The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminants that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting. **Drywall:** Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then primed or sealed prior to painting the substrate. **Plaster:** Plaster, hardcoat, skim coat or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer. **New Concrete, Stucco and Masonry Surfaces:** New concrete and masonry should cure for at least 30 days and preferably 90 days prior to painting. The PH of the substrate must be less than 10 prior to priming with an alkali resistant primer. Block mortar joint should cure for at least 30 days prior to priming. Fill block with appropriate blockfiller. **New Wood:** Unpainted wood or wood in poor condition should be sanded smooth, wiped clean and then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime with a quality stain blocking primer. **Ferrous Metal:** The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants and then primed with a corrosion resistant primer.

Directions for Use

Application: Mix thoroughly prior to use and occasionally during the application process. Product should be applied by brush, roller or airless spray. Apply coating evenly by maintaining a "wet edge" and working the material deep into the cracks and voids in the substrate. When using roller application, product should be applied in a downward direction to allow for a uniform finish. When using airless spray application "back rolling" is recommended to work the material into the pores and reduce pinholes in the film. **Thinning:** Thinning is not required under normal conditions. **Clean Up:** Tools should be cleaned immediately after use with warm, soapy water. Spray equipment should be flushed thoroughly after each use. **Brush:** Use quality nylon or polyester bristle brushes. **Roller:** Use a 3/8" to 3/4" synthetic or lamb's wool cover depending on porosity. **Airless:** Minimum tip size between .015 - 019. Tip size should reflect the type of equipment and pressure being used. **Dry Time and Curing:** Do not use when air surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

Safety

CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes. Ensure fresh air entry during application and drying. Wear an appropriate fitted respirator (NIOSH approved.) Wear eye protection. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

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Please excuse the small print used on this document but most paint company data sheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

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