



**DURACAT
PRE-CATALYZED
WATER BASED EPOXY**

3543 Line

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
100% Acrylic Pre-Catalyzed Water Based Epoxy	Semi-Gloss	Up to 400 Sq Ft Per Gallon	Brush, Roller, or Spray	Clean Water	Warm Soapy Water	30 Minutes	4 Hours	7 - 10 Days
PRODUCT NAME: DURACAT PRE-CATALYZED WATER BASED EPOXY		This product provides epoxy toughness in a ready-to-use waterborne formula for walls, ceilings and trim. Low VOC and water cleanup make this product ideal for use in occupied areas. The cured film is scrubbable, resists water and common cleaning chemicals, and stands up to abrasion and marring. Excellent adhesion to many surfaces, including existing paint, drywall, primed masonry and primed metal. This product complies with LEED Green Building Rating System GS-11 for interior non-flat paints.						
WHERE TO USE:		Metal Wood Masonry Drywall	• Interior institutional/commercial high maintenance areas • Upgrade surfaces painted with conventional coatings with a high-performance protection system with excellent adhesion • Corrosion and Chemical resistant • Hospitals and Schools • Institutional dining and kitchen areas • Suitable for use in USDA inspected facilities					
Surface Preparation:		New Work: The surface to be coated must be clean and free of oil, grease, rust and other contaminants that could interfere with adhesion. Priming – Ferrous Metal – Metal Primer 36-11, 35-111, 35-147 or 35-153 or 2090 Non-Ferrous Metal – PermaBond 100-10 or 2090 Galvanized – Use latex Metal Primer 100-10 or 36-11 Wood Interior – Latex Undercoat 50 or Alkyd Undercoat 37-11 Wood Exterior – Not recommended. Drywall/Plaster – Latex Primer Sealer 5790 or No. 50 Concrete – Self Priming or Block Filler 946-11 or Masonry Sealer 48-11. Repaint: The surface to be painted must be clean and free of dirt, chalk, mildew, wax, grease, rust or loose flaking paint. Dirt and chalk should be removed by thorough power washing. Mildew should be washed with a bleach and water solution. Wax should be removed by solvent cleaning. Grease and oil should be cleaned by using Sur-Prep I. Rust must be removed by hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Glossy surfaces must be dulled by lightly sanding. Remove sanding dust before paint application. Any exposed substrate should be spot primed with the appropriate primer.						
Application:		Stir DuraCat Pre-Catalyzed Water Based Epoxy thoroughly with a circular, listing motion to assure even pigment dispersion. Roller – Use a short nap enameling cover. Brush – Use a polyester or nylon filament brush. Spray – May be sprayed using conventional or airless equipment. Can be thinned with clean water, up to 20% for spraying. For best results, use quality applicator tools. Do not sacrifice good results by using inexpensive tools. Apply only when surface and air temperatures are between 50°F and 90°F.						
NOTE: Formulated without mercury or lead.								

Resin Type:	100% Acrylic Pre-Catalyzed Water Based Epoxy
Solids:	Volume – 39%
Weight Per Gallon:	10.59 lbs.
Viscosity:	90 – 100 (Krebs Units)
Flash Point:	200°F or over (TT-P-141, Method 4293)
Specular Gloss:	40 – 45% @ 60°
Light Reflectance:	95% (White or lightest colors)
Limitations:	• Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C). The relative humidity should be below 90%. • Not recommended for floors or for use in immersion service. • Interior Use Only
Recommended Film Thickness:	Wet – 3.0 to 4.0 mils Dry – 1.0 to 1.5 mils
VOC – VOS Statement:	This product contains a maximum of 150 grams of VOC/VOS per liter of coating (1.25 lbs. per gallon)
Cautions:	CAUTION! Do not take internally. Close container after each use. KEEP OUT OF REACH OF CHILDREN.

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