



ZINC RICH PRIMER - ELSS 90056

Description: Thermosetting powder coating based on an epoxy resin. This product contains Zinc for excellent corrosion protection.

Typical Applications: Primer, functional protective coatings.

Typical Properties:	Film Thickness	1+mil
	Gloss 60'angle (ASTM D-523-89)	1 - 5
	Hardness (ASTM D-3363-92A)	3H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5b (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	120 in-lbs
	Exterior Durability	Poor
	Chemical Resistance	Very Good - Excellent
	Salt Spray (ASTM B117)	4000Hrs < 1/8"
		2.8
	Specific Gravity (calculated)	

Application Data: Epoxies can be applied with either a corona electrostatic powder spray gun at between 60kv - 100kv or a Tribo gun. Epoxies can also be formulated for fluid bed application upon request.

Cure Schedule: Epoxies can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable. Care must be taken with excess heat, as epoxies tend to discolor on over bake.
Standard Cure: 10 Minutes @ 300^of Peak Metal Temperature

Storage: Product should be stored at temperatures below 80^of, in a dry area away from any heat source

Notes: All tests were performed on Bonderite 1000, iron phosphated panels with a nominal film thickness of 2 mils.
Please refer to the MSDS for safety information.

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