



TECHNICAL DATA SHEET

Epoxy resins yield extremely durable and attractive powder coatings due to their excellent overall chemical resistance, electrical insulation characteristics and inherent flow and mechanical properties. These powder coatings are typically applied to automotive parts, electrical equipment, office and home furniture, power and hand tools, wire goods, appliance components and related items. While epoxies provide excellent corrosion resistance, their chalking and yellowing characteristics generally make them unsuitable for use in decorative exterior applications

PRODUCT CODE:

PRODUCT TYPE: Epoxy

PRODUCT NAME:

TYPICAL PROPERTIES	TEST METHODS	RESULTS
Specific Gravity	PCI # 4	1.20 - 1.70
Coverage	Theoretical	160 - 113 ± 4.0 Sqft/lb @ 1 mil
Gloss @ 60 Degree	ASTM D523	0 - 100
Over Bake Resistance	ASTM D2454	100%
Pencil Hardness	ASTM D3363	H - 2H
Direct Impact	ASTM D2794	160 in.lbs.
Reverse Impact	ASTM D2794	160 in.lbs.
Cross Hatch, Adhesion	ASTM D3359B	Pass
Mandrel Bend, Flexibility	ASTM D522	1/4" no crack
MEK Resistance	PCI # 8	50 + D/R
Abrasion Resistance	ASTM D1044	Good
Salt Spray	ASTM B117	1000 Hrs
Humidity	ASTM D2247	1000 Hrs

APPLICATION	Cure Schedule	Rec. Film Thickness
Electrostatic Spray: Cold	10' to 30'	2.0 to 3.0 mil
Substrate: C.R.S.	400 - 300 Degree F	
Pretreatment: Bonderite 1000		

Note: All tests performed on Bonderite 1000 (Iron Phosphate) treated panels.

Shelf Life: 1 Year from the date of purchase, when stored under 75 degree F.

Warranty Policy: The surface preparation and application procedures and other factors that affect performance are beyond our control. AmeriCoats assumes no liability for coating failure other than to supply replacement material for a coating shown to be defective. Do not use this product until the current material safety data sheet has been read and is fully understood. AmeriCoats shall not be liable for injuries, damages or other losses deriving directly or in consequence of purchaser's use of product. Purchaser shall determine the suitability of this product for his own use and thereby assumes all risks and liabilities in connection therewith.