Technical Bulletin

PRSL 80303
Satin White

Description:	***PRSL 80303, Satin White*** is a Polyester-TGIC Powder coating designed for interior or exterior applications.	
Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.56±0.05
	Theoretical Coverage	123 sq.ft/lb./mil
	Shelf life (at below 80°F in dry condition)	12 months
Typical Physical Properties:	Film Thickness	3.5-4.0 mils
	Gloss 60'angle (ASTM D-523-89)	20-30
	Hardness (ASTM D-3363-92A)	H-2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	100/100 in-lbs.
	Salt Spray (ASTM B117, 500 hrs., Bonderite 1000 panel)	Rating 7 (Creepage)

Application Data: ***PRSL 80303, Satin White*** can be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV or fluidized bed.

Cure Schedule: ***PRSL 80303, Satin White*** 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.

Std. Cure: 10 minutes @ 400°F Peak Metal Temperature

Storage: ***PRSL 80303, Satin White*** should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on B-1000 iron phosphated panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the SDS for safety information.

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