



## Technical Bulletin

### PRSF 80005 Choice Sky White

**Description:** *PRSF 80005, Choice Sky White* is a thermosetting Polyester-TGIC powder coating and is designed for exterior durability, and will meet or exceed AAMA 2603. This product has been formulated for exceptionally high gloss and flow.

<b>Typical Powder Properties</b>	Specific Gravity (ASTM D5965-96, C)	1.50±0.05
	Theoretical Coverage	126 sq./lb./mil

<b>Typical Physical Properties:</b>	Gloss 60° angle (ASTM D-523-89)	90+ (visual)
	Hardness (ASTM D-3363-92A)	2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	120/120 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs, B 1000 panel)	Rating 7 (creepage)
	Salt Spray (ASTM B117, 2000 hrs, Chromated panel)	Rating 7 (creepage)
	Film Thickness	2.0-3.0 mil

**Application Data:** *PRSF 80005, Choice Sky White* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

**Cure Schedule:** *PRSF 80005, Choice Sky 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.

**Standard Cure:** 10 minutes @ 400°F Peak Metal Temperature

**Storage:** *PRSF 80005, Choice Sky 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 panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the MSDS for safety information.

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