Technical Bulletin

PRSS 91020
Speedboat Aluminum III

Description:

PRSS 91020, Speedboat Aluminum III 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.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.33+/-0.05
	Theoretical Coverage	144 sq./lb./mil
Typical Physical Properties:	Film Thickness	2.5-3.5 mil
	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, Bonderite 1000 panel)	Rating 7 (creepage)
	Salt Spray (ASTM B117, 2000 hrs, Alodine panel)	Rating 7 (creepage)

Application Data:

PRSS 91020, Speedboat Aluminum III is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule:

PRSS 91020, Speedboat Aluminum III 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:

PRSS 91020, Speedboat Aluminum III 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 MSDS for safety information.

Any recommendations contained herein or any information given by any IFS COATINGS representative is based on tests and information believed to be accurate. However, since we have no control over the conditions under which our products are transported, stored, handled, or used by purchasers, all recommendations and sales are made on condition that IFS COATINGS will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.

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