

RAPID Epoxy Mastic

Technical Data Sheet

Surface Tolerant Liquid Epoxy Glass Flake Coating

PROPERTIES	VALUE
Pot Life @ 77°F (25°C) (ASTM D2196)	1 hour
Touch Dry @ 77°F (25°C) (ASTM D1640)	3 hours
Theoretical Wet Film Thickness (typical)	10 mils per coat
Theoretical Coverage	163 ft ² /gallon @ 10 mils (4 m ² /liter @ 254 microns)
Solids by Volume	87%
Mixing Ratio by Volume	2 Parts Base:1 Part Hardener
Application Temperature	-20°F to 125°F (-29°C to 52°C) <i>Note: If temperature falls below 50°F (10°C), surface must be preheated.</i>
Service Temperature	-20°F to 150°F (-29°C to 65°C)
Dry Film Thickness	
First coat Denso Protal ST	8 mils (DFT) / 203 microns
Second coat Denso Protal ST	8 mils (DFT) / 203 microns
Final coat acrylic, enamel or polyurethane	2 mils (DFT) / 50.8 microns
Overcoating Time (min.) (ASTM D3359B)	
50°F (10°C)	12 hours
60°F (16°C)	8 hours
77°F (25°C)	4 hours
95°F (35°C)	2 hours
Shore D Hardness @ 77°F (25°C)	85
Adhesion to Steel (ST2) (Elcometer pulloff)	1,800 psi (12.41 MPa)
Hot Salt Fog @ 95°F (35°C) (ASTM B117)	1500 hours
Humidity Test @ 104°F (40°C) w/100%	1500 hours
Color	Light Gray

STORAGE: Store the containers in a dry, well ventilated area. The containers should be kept tightly sealed. Shelf life: 12 months, when stored between 40°F - 100°F (4°C - 38°C).

CLEANING: Clean equipment with MEK or equivalent solvent cleaner.

HEALTH AND SAFETY: Spray or brush under well ventilated conditions. Wear suitable protective clothing and glasses. See material safety data sheet.

PACKAGING: 0.5 (1.9 liter) gallon kits. Other package sizes are available upon request.