

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	W3750003
Name:	Semi Gloss Frame Black Epoxy
Type:	Epoxy

Powder Properties

Specific Gravity	1.56 (\pm 0.05) g/cm ³
Storage Temp	< 80°F (27°C), 50% RH
Theoretical Coverage	62 ft ² /lb. @ 2 mils
Particle Distribution	+44 MICRONS (325 MESH) 35% – 40%

Coating Properties

Film Thickness	Recommended Film Thickness: 2 – 3 mils
Cure Schedule	Metal Temperature: 12 minutes @ 400°F (204°C)
Gloss Level	50% \pm 5% @ 60°
Pencil Hardness	2H – 3H (ASTM D3363)
Flexibility	1/8" (ASTM D522)
Adhesion	5B (ASTM D3359)
Direct Impact	120 in-lb. direct (ASTM D2794)
Reverse Impact	100 in-lb. reverse (ASTM D2794)
Salt Spray	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)

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