

Columbia Coatings

Technical Data Sheet

Columbia Coatings
1173 Industrial Park Rd
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Number:	W3790004
Name:	Gloss Black Epoxy
Type:	TGIC

Powder Properties

Specific Gravity	1.51 +/- .05
Storage Temp	80°F (27°C) up to 1 yr
Theoretical Coverage	72 sq/ft @ 2.0 mils
Particle Distribution	+44 MICRONS (325 MESH) 35 - 45%

Coating Properties

Film Thickness	Recommended film thickness 2.0 to 3.0 mils
Cure Schedule	12 MINUTES @ 375°F. 18 MINUTES @ 350°F
Gloss Level	ASTM D523 90 - %
Pencil Hardness	ASTM D3363 H-2H
Flexibility	1/8" ASTM D522
Adhesion	5B
Direct Impact	160 in-lb direct;
Reverse Impact	160 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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