

Columbia Coatings

Technical Data Sheet

Columbia Coatings
12683 McIlwain Rd
Holladay, TN 38341
931-388-7730
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Number:	HD902849
Name:	Brilliant Silver
Type:	TGIC

Specific Gravity	1.65 (\pm 0.05) g/cm ³
Storage Temp	< 80°F (27°C) up to 1 year
Theoretical Coverage	117 ft ² /lb. @ 2 mils
Particle Distribution	25 - 50 MICRONS AVERAGE

Powder Properties

Film Thickness	Recommended Film Thickness: 2 – 3 mils
Cure Schedule	Metal Temperature: 10 minutes @ 400°F (204°C)
Gloss Level	60+% @ 60°
Pencil Hardness	H-2H (ASTM D3363)
Flexibility	100% (ASTM D522) (Conical Mandrel)
Adhesion	4B (ASTM D3359)
Direct Impact	160 in-lb. direct (ASTM D2794)
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)

Coating Properties