

Columbia Coatings

Technical Data Sheet

Columbia Coatings
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COLUMBIA
COATINGS

| | |
|----------------|-------------------|
| Number: | W3790004 |
| Name: | Gloss Black Epoxy |
| Type: | TGIC |

Powder Properties

| | |
|------------------------------|---------------------------------|
| Specific Gravity | 1.51 +/- .05 |
| Storage Temp | 80°F (27°C) up to 1 year |
| 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 | Metal Temperature: 12 minutes @ 375°F (191°C) 18 minutes @ 350°F (177°C) |
| 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) |

www.columbiacoatings.com