

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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**COLUMBIA**  
COATINGS

<b>Number:</b>	W3790004
<b>Name:</b>	Gloss Black Epoxy
<b>Type:</b>	Epoxy

## Powder Properties

<b>Specific Gravity</b>	1.37 +/- .05
<b>Storage Temp</b>	<80°F (27°C) up to 1 year
<b>Theoretical Coverage</b>	140.2 sq./ft @ 1.0 mil
<b>Particle Distribution</b>	80-100 Microns

## Coating Properties

<b>Film Thickness</b>	Recommended film thickness 2.0 to 3.0 mils
<b>Cure Schedule</b>	Metal Temperature: 10 minutes @ 375°F (191°C)
<b>Gloss Level</b>	ASTM D523 90 - %
<b>Pencil Hardness</b>	ASTM D3363 3H-4H
<b>Flexibility</b>	1/8" ASTM D522
<b>Adhesion</b>	5B
<b>Direct Impact</b>	160 in-lb. direct;
<b>Reverse Impact</b>	160 in-lb. reverse (ASTM D2794)
<b>Salt Spray</b>	1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)