

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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<b>Number:</b>	S5700001
<b>Name:</b>	Matte Black Urethane
<b>Type:</b>	TGIC

## Powder Properties

<b>Specific Gravity</b>	1.65 +/- .05
<b>Storage Temp</b>	80°F (27°C) up to 1 yr
<b>Theoretical Coverage</b>	78 sq/ft @ 1.5 mils
<b>Particle Distribution</b>	+44 MICRONS (325 MESH) 23 - 28%

## Coating Properties

<b>Film Thickness</b>	Recommended film thickness 2.0 – 3.0 MILS
<b>Cure Schedule</b>	18 MINUTES @ 375°F 25 MINUTES @ 360°F
<b>Gloss Level</b>	ASTM D523 3 - 4%
<b>Pencil Hardness</b>	ASTM D3363 H-2H
<b>Flexibility</b>	3/8" ASTM D522
<b>Adhesion</b>	5B
<b>Direct Impact</b>	80 in-lb direct;
<b>Reverse Impact</b>	80 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)

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