



# Technical Data Sheet

**Product Number: PDL40071**

**Product Name: SOUTHERN BRONZE 18381**

**Chemistry: Polyester Tgic**

**Date: July 8, 2009**

## ***Powder Properties***

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<b>ASTM D5965 (B)</b>	Specific Gravity	1.65± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	116.5 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## ***Film Characteristics***

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<b>ASTM D523</b>	Gloss @ 60°	40-50
<b>ASTM D3359 (B)</b>	Adhesion	5B Pass
<b>ASTM D3363</b>	Pencil Test (Scratch Hardness)	H Pass
<b>ASTM D7091</b>	Recommended Film Thickness	2.0-3.0 mils
<b>PCI TECHNICAL BRIEF #20</b>	PCI Powder Smoothness	4
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8" Pass
<b>ASTM D2794</b>	Impact (D/R)	140/140 in-lbs
<b>ASTM D5402</b>	MEK Resistance	25 Double Rubs
<b>ASTM B117</b>	Salt Spray	1,000 hours
<b>ASTM G154</b>	UV Resistance	500 hours

## ***Application***

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Electrostatic Spray, Cold  
Substrate: 0.024 in CRS  
Pretreatment: Bonderite ® 1000, Parcolene® 60

**Cure Schedule**  
(Time at Substrate Temperature)  
10 min @ 400°F

## ***Notes***

American Standard Testing Method (ASTM)  
Powder Coating Institute (PCI)

This report cannot be altered or changed without the authorization of the Quality Manager.

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