



# Technical Data Sheet

**Product Number:** ZCR235209

**Product Name:** RAL 8016 MAHOGANY BROWN RPSD POL. SD

**Chemistry:** POLYESTER SUPERDURABLE

**Date:** JULY 30<sup>TH</sup>, 2019

## *Powder Properties*

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<b>ASTM D5965 (B)</b>	Specific Gravity	1.50 ± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	128.1 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°	80-90%
<b>ASTM D3359 (B)</b>	Adhesion	5B Pass
<b>ASTM D3363</b>	Pencil Test (Scratch Hardness)	F Pass
<b>ASTM D7091</b>	Recommended Film Thickness	2.0-3.0 mils
<b>PCI TECHNICAL BRIEF #20</b>	PCI Powder Smoothness	6
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8"
<b>ASTM D2794</b>	Indirect Impact	140 in/lbs
<b>ASTM D5402</b>	MEK Resistance	50 Double Rubs
<b>ASTM B117</b>	Salt Spray	3,000 hours
<b>ASTM G154</b>	UV Resistance	1,000 hours

## *Application*

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

**Cure Schedule**  
(Time at Substrate Temperature)  
375 °F @ 10 minutes

## *Notes*

-THIS FORMULATION HAS BEEN DEVELOPED TO MEET ALL OF AAMA 2604 WEATHER AND CORROSION REQUIREMENTS.

-FORMULATED TO VISUALLY MATCH RAL K7 INTERNATIONAL STANDARDS

American Standard Testing Method (ASTM)  
Powder Coating Institute

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

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