



# Technical Data Sheet

Product Number: ZSR233603

Product Name: RAL 9007 GREY ALUMINIUM RPSD POL. SD

Chemistry: POLYESTER SUPERDURABLE

Date: JULY 31<sup>ST</sup>, 2019

## Powder Properties

ASTM D5965 (B)	Specific Gravity	1.50 ± 0.05
ASTM D5965 (B)	Theoretical Coverage	128.1 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## Film Characteristics

ASTM D523	Gloss @ 60°	70-80%
ASTM D3359 (B)	Adhesion	5B Pass
ASTM D3363	Pencil Test (Scratch Hardness)	F Pass
ASTM D1186 (B)	Recommended Film Thickness	2.0-3.0 mils
PCI TECHNICAL BRIEF #20	PCI Powder Smoothness	6
ASTM D522 (A)	Flexibility Mandrel	1/8"
ASTM D2794	Indirect Impact	140 in/lbs
ASTM D5402	MEK Resistance	50 Double Rubs
ASTM B117	Salt Spray	3,000 hours
ASTM G154	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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