



# Technical Data Sheet

**Product Number:** ZBR233604

**Product Name:** RAL 9010 PURE WHITE RPSD POL. SD

**Chemistry:** POLYESTER SUPERDURABLE

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

## *Powder Properties*

|                        |                      |   |
|------------------------|----------------------|---|
| ASTM D5965 (B)         | Specific Gravity     | 1.45 ± 0.05                                 |
| PCI TECHNICAL BRIEF #8 | Theoretical Coverage | 132.6 ft <sup>2</sup> /lb/mil               |
|                        | Shelf Life           | 12 months in climate controlled environment |

## *Film Characteristics*

|                         |                                |                |
|-------------------------|--------------------------------|----------------|
| ASTM D523               | Gloss @ 60°                    | 80-90%         |
| ASTM D3359 (B)          | Adhesion                       | 5B Pass        |
| ASTM D3363              | Pencil Test (Scratch Hardness) | F Pass         |
| ASTM D7091              | 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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