



# Technical Data Sheet

**Product Number:** ZPR235183

**Product Name:** RAL 4006 TRAFFIC PURPLE RPSD POL. SD

**Chemistry:** POLYESTER SUPERDURABLE

**Date:** JUNE 25<sup>TH</sup>, 2019

## *Powder Properties*

---

|                               |                      |   |
|-------------------------------|----------------------|---|
| <b>ASTM D5965 (B)</b>         | Specific Gravity     | 1.40 ± 0.05                                 |
| <b>PCI TECHNICAL BRIEF #8</b> | Theoretical Coverage | 137.3 ft <sup>2</sup> /lb/mil               |
|                               | Shelf Life           | 12 months in climate controlled environment |

## *Film Characteristics*

---

|                                |                                |                |
|--------------------------------|--------------------------------|----------------|
| <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 in.        |
| <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.

## **Vitracoat, Inc.**

2807 Marina Drive Elkhart, IN 46514 Ph: 574-264-6090  
Toll-Free: 888-778-5994 Fax: 574-264-2776 www.vitracoat.com

## **Vitracoat Pinturas en Polvo S.A de C.V.**

Av. Circuito de la Industria Sur 284, Parque Industrial Lerma, C.P. 52000, Estado de Mexico, México, Phone: +(722) 2627000, Fax+(722)2827024  
www.vitracoat.com\*Email:sales@vitracoat.com