



# Technical Data Sheet

**Product Number: ZPL233995**

**Product Name: PURPLE WAVE 33995**

**Chemistry: Polyester Superdurable**

**Date: February 8, 2019**

## ***Powder Properties***

---

<b>ASTM D5965 (B)</b>	Specific Gravity	1.55± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	124.0 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	5
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8" Pass
<b>ASTM D2794</b>	Impact (D/R)	120/120 in-lbs
<b>ASTM D5402</b>	MEK Resistance	50 Double Rubs
<b>ASTM B117</b>	Salt Spray	3,000 hours

## ***Application***

---

Electrostatic Spray, Cold  
Substrate: 0.022 in, Aluminum  
Pretreatment: Chromate

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

## ***Notes***

This product was designed to meet weathering requirements under AAMA 2604 "5 years south Florida with maximum Delta E < 5 (Hunter) and gloss retention > 30%".

American Standard Testing Method (ASTM)

Powder Coating Institute (PCI)

American Architectural Manufacturers Association (AAMA)

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