



# Technical Data Sheet

**Product Number:** ZNT625927

**Product Name:** BODY ARMOR BLACK MINI TEXT CR 25927

**Chemistry:** Polyester Superdurable

**Date:** August 10, 2022

## *Powder Properties*

---

<b>ASTM D5965 (B)</b>	Specific Gravity	1.65± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	113.1 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## *Film Characteristics*

---

<b>ASTM D523</b>	Gloss @ 60°	5-10
<b>ASTM D3359 (B)</b>	Adhesion	5B Pass
<b>ASTM D3363</b>	Pencil Test (Scratch Hardness)	2H Pass
<b>ASTM D7091</b>	Recommended Film Thickness	3.0-4.0 mils
<b>PCI TECHNICAL BRIEF #20</b>	PCI Powder Smoothness	N.A.
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8" Pass
<b>ASTM D2794</b>	Impact (D/R)	140/140 in-lbs
<b>ASTM D5402</b>	MEK Resistance	50 Double Rubs
<b>ASTM B117</b>	Salt Spray	2,100 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)  
20 min @ 356°F

## *Notes*

This product was designed with improved weathering properties when compared to standard polyesters of similar color and gloss.

American Standard Testing Method (ASTM)  
Powder Coating Institute (PCI)

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