



SIP Industries
Quality Manufacturer Since 1960

Certificate of Compliance : EZ-Shield® Polyester Based Powder Coating

Date

SIP certifies that our Polyester Powder Coating (EZ-Shield®) adheres to the Waterworks industry standards. EZ-Shield® is coated and applied per manufacturers' requirements. Please refer to our website www.sipindustries.com for up to date product data and is technical advisories.

- Features & Benefits** :
- Resistant to most solvents and acids
 - Very good outdoor exposure; Excellent impact and UV resistance (qualities for increased longevity and performance)
 - Chemical and salt-spray resistance (more than 500 hours of salt spray).
 - Resistant to more than 1000 hours of humidity.
 - Operating temperature range of -40°F to 400°F
 - Eliminates high Volatile Organic Compound (VOC) paints making it environmentally friendly

Material : EZ-Shield® is a Polyester Based Powder Coating, that provides excellent corrosion resistance to most ground environments.

DI		PVC	
Triglycidyl Isocyanurate	: 5% weight	Triglycidyl Isocyanurate	: 5% weight
Barium Sulfate	: 19% weight	Barium Sulfate	: 21% weight
Carbon Black	: 1% weight	Titanium Dioxide	: 0.4% weight

Physical Properties :

Color	: Black (DI)	Red Oxide (PVC)
Specific Gravity	: 1.48 g/ml	1.58 g/ml
Dry Film Thickness	: 2.0 to 3.0 mils,	2.5 to 3.5 mils
Cure Schedule	: 10 MINS @ 400 °F	10 MINS@400F
Coverage at 1.0 Mil	: 131.3 ft ² /lb.	122.9 ft ² /lb.

Substrate Preparation : Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface preparation treatments to ensure optimum adhesion and coating performance properties. Grit blasting is performed to achieve the recommended anchor profile and provides a optimum adhesion for the EZ-Shield® Coating.

Sincerely,

Roger Johnson
Director of Technical Services
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Project Name	
Project Location	
Distributor	
Contractor	



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