



Technical Data Sheet

Product Number: ZSB634188

Product Name: IRON GLIMMER BONDED 34188

Chemistry: Polyester Superdurable

Date: July 17, 2019

Powder Properties

| | | |
|-------------------------------|----------------------|---|
| ASTM D5965 (B) | Specific Gravity | 1.50± 0.05 |
| PCI TECHNICAL BRIEF #8 | Theoretical Coverage | 128.1 ft ² /lb/mil |
| | Shelf Life | 12 months in climate controlled environment |

Film Characteristics

| | | |
|--------------------------------|--------------------------------|----------------|
| ASTM D523 | Gloss @ 60° | 5-15 |
| ASTM D3359 (B) | Adhesion | 5B Pass |
| ASTM D3363 | Pencil Test (Scratch Hardness) | 2H Pass |
| ASTM D7091 | Recommended Film Thickness | 2.0-3.0 mils |
| PCI TECHNICAL BRIEF #20 | PCI Powder Smoothness | N.A. |
| ASTM D522 (A) | Flexibility Mandrel | 1/8" Pass |
| ASTM D2794 | Impact (D/R) | 140/140 in-lbs |
| ASTM D5402 | MEK Resistance | 50 Double Rubs |
| ASTM B117 | Salt Spray | 3,000 hours |

Application

Electrostatic Spray, Cold
Substrate: 0.024 in CRS, 0.022 in Aluminum
Pretreatment: Chromate

Cure Schedule
(Time at Substrate Temperature)
8 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.

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