



## Technical Bulletin

### SRSF 33845 UM Green II

**Description:** *SRSF 33845, UM Green II* is a thermosetting Super Polyester-TGIC powder coating and designed for excellent exterior durability.

|                                  |   |                    |
|----------------------------------|---|--------------------|
| <b>Typical Powder Properties</b> | Specific Gravity (ASTM D5965-96, C)         | 1.31±0.05          |
|                                  | Theoretical Coverage                        | 147 sq.ft./lb./mil |
|                                  | Shelf life (at below 80°F in dry condition) | 12 months          |

|   |  |                     |
|---|--|---------------------|
| <b>Typical Physical Properties:</b>             | Film Thickness   | 2.0-3.0 mil         |
|   | Gloss 60°angle (ASTM D-523-89)                         | 80+                 |
|   | Hardness (ASTM D-3363-92A)                             | 2H                  |
|   | Flexibility (ASTM D-1737-89)                           | 1/4 inch            |
|   | Adhesion (ASTM D-3359-95A)                             | 5B (100%)           |
|   | Impact Direct/Indirect (ASTM D-2794-93)                | 100/100 in-lbs.     |
|   | Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel) | Rating 7 (creepage) |
| Salt Spray (ASTM B117, 3000 hrs, Alodine panel) | Rating 7 (creepage)                                    |                     |

**Application Data:** *SRSF 33845, UM Green II* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

**Cure Schedule:** *SRSF 33845, UM Green II* can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable.

**Standard Cure:** 10 minutes @ 400°F Peak Metal Temperature

**Storage:** *SRSF 33845, UM Green II* should be stored at temperatures below 80°F, in a dry area away from any heat source.

**Notes:** All tests were performed on B-1000 iron phosphated panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the SDS for safety information.

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