

**Peridium T**  
SERIES

**TGIC Polyester**

**PRODUCT CODE: PLX4181-02**

**DESCRIPTION:** Gloss Telegray (RAL 7047)

**POWDER PROPERTIES:**

Specific Gravity: 1.44 ± 0.05  
 Theoretical Coverage @ 1 mil (square feet per pound): 134 ± 4

**CURED POWDER PROPERTIES (1.8 to 2.2 mils DFT)**

Cure Schedule (Time at Substrate Temperature): 10' @ 390 °F PMT  
 Substrate for Testing: B1000 0.032 CRS  
 Gloss: 80-90 @ 60°  
 PCI Powder Smoothness: 6+  
 Pencil Hardness: ASTM D3363 2H+  
 Direct/Reverse Impact (inch-pounds): ASTM D2794 160+ / 160+  
 Adhesion, Crosshatch: ASTM D3359 5B  
 Flexibility, Mandrel Bend: ASTM D522 1/8 in dia, no fracture  
 Salt Spray – 1000 hrs: ASTM B117 Pass  
 Humidity – 1000 hrs: ASTM D2247 Pass

**Additional Technical Data available upon request**

**STORAGE STABILITY**

Maintain storage temperatures below 80°F. Protect virgin and reclaimed powder from excessive heat and humidity. Shelf life ranges from 6 months to over 1 year depending on storage conditions.

**LIMITED WARRANTY**

Since Diamond Vogel does not control the application of its product, nor the condition of the surfaces to which they are applied, a Limited Warranty is provided. If the products do not perform as specified, for whatever reason, Diamond Vogel's liability will under no circumstances exceed replacement of the product.