

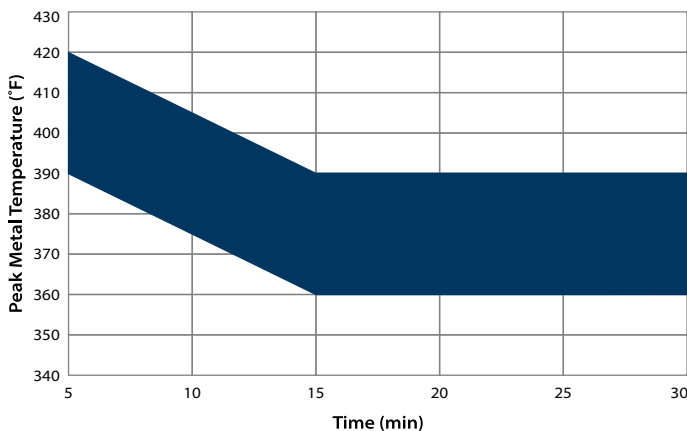
## Peridium® T82 Super Durable TGIC Powder Coatings with EdgeSpan™ Technology

**Peridium T82 Powder Coatings** are a premium, super-durable TGIC polyester powder coating designed for sharp-edge applications. They deliver strong corrosion protection and consistent film build without a primer while maintaining UV resistance, weathering durability, and blooming resistance for a cleaner finish. With EdgeSpan™ Technology, the coating forms a stronger film on edges, cutouts, and other difficult areas where corrosion often starts. This resin system helps you achieve 20+ microns of edge coverage in a single coat, reducing and simplifying your process. Designed to meet large OEM specifications, the system supports fast production, reliable quality, and long-term performance.

### TYPICAL APPLICATIONS

- Agricultural equipment
- Construction equipment
- Industrial OEM components
- Recreational vehicles
- Trailers and transport equipment
- Lawn and garden equipment

### CURE SCHEDULE



- Typical cure schedule 10 minutes at 390°F peak metal temperature
- Non-blooming

### CURED FILM PROPERTIES

PCI Powder Smoothness Rating	6-7 (high gloss)
Specific Gravity (ASTM D792)	1.2 to 1.8
Adhesion (ASTM D3359)	5B (100%)
Gloss (ASTM D523)	30-99
Pencil Hardness (ASTM D3363)	2H+
Impact (ASTM D2794)	up to 160 inch lbs
Flexibility (ASTM D522)	1/8 inch - No fracturing
Humidity (ASTM D2247)	1,000+ hours
Salt Spray (ASTM B117)	1,000+ hours

*\*Film properties are dependent on gloss, pigmentation, film thickness, and cure temperature.*

### STORAGE AND HANDLING

Diamond Vogel powder coatings should be stored at normal room temperature and humidity (less than 80°F and 50-60% RH). Shelf life will be approximately six months to over a year depending on storage conditions. Always rotate inventories to ensure trouble-free powder application. When storage conditions are not the same as the application area, allow a 24 hour acclimation period within the application area to prevent moisture condensation in the powder. Always protect virgin and reclaim powder from excessive heat and humidity.

### INDUSTRIAL HYGIENE

Powder handling should always be done in conjunction with proper dust collection and personal protective equipment. Please refer to the Safety Data Sheet for more detailed information.