



# Peridium<sup>®</sup> T82

SUPER DURABLE TGIC POWDER COATINGS  
WITH EDGESPAN<sup>™</sup> TECHNOLOGY



**Peridium<sup>®</sup> T82** is a premium, super-durable TGIC polyester powder coating designed for sharp-edge applications. Peridium T82 delivers enhanced edge coverage and corrosion protection without requiring a primer, while maintaining UV resistance, weathering durability, and blooming resistance for a cleaner finish. Designed to meet large OEM specifications, Peridium T82 simplifies workflows and ensures long-term performance.

## Typical Applications

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



## One Coat. Full Confidence.

Performance without complexity. Edge coverage that meets the specification, without the primer.

- EdgeSpan™ Technology solves the real-world challenge of poor edge coverage and corrosion failures on sharp edges.
- Direct-to-metal application eliminates the need for primer, reducing steps and saving time.
- Built on Diamond Vogel's proven TGIC super-durable platform for compatibility and lasting value.

## Performance Highlights

- **Enhanced Edge Coverage**  
Meets strict OEM specs without primer
- **Corrosion Protection**  
Resists deterioration in harsh conditions
- **UV and Weathering Durability**  
Maintains color and gloss over time
- **Blooming Resistance**  
Reduces rework on heavy-gauge steel

## Built for Demanding Specifications

OEMs with strict edge coverage requirements need a coating that performs where corrosion starts—on sharp edges. Its direct-to-metal capability eliminates the need for primer, saving time and lowering costs. For operations that require a primer, Peridium T82 also performs as a durable topcoat, delivering consistent coverage and a clean finish across complex parts. For manufacturers who need confidence in every coat, Peridium T82 provides proven performance and long-term reliability.

## EdgeSpan™ Technology Complete Coverage Where It Counts

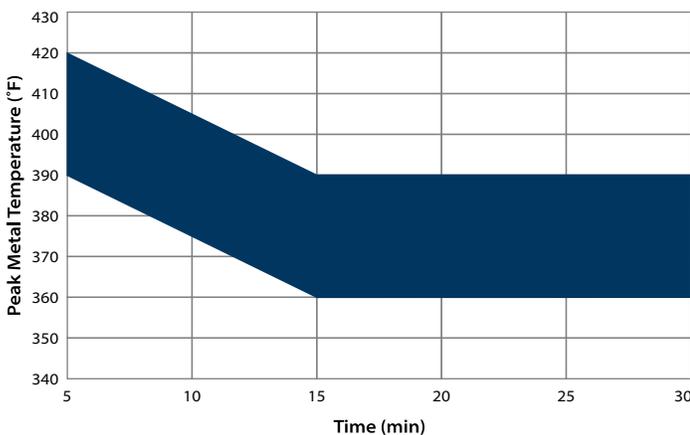
Edges, cutouts, and hard-to-reach areas are the toughest places to protect. That's why we developed EdgeSpan™ Technology, a proprietary resin system that builds film where corrosion starts. Peridium T82 delivers consistent coverage and durability across complex geometries, meeting strict OEM edge coverage requirements for direct-to-metal applications or as a topcoat over primer. Backed by proven UV resistance, color retention, and blooming resistance, EdgeSpan ensures every part looks sharp and lasts longer.

### Cured Film Properties

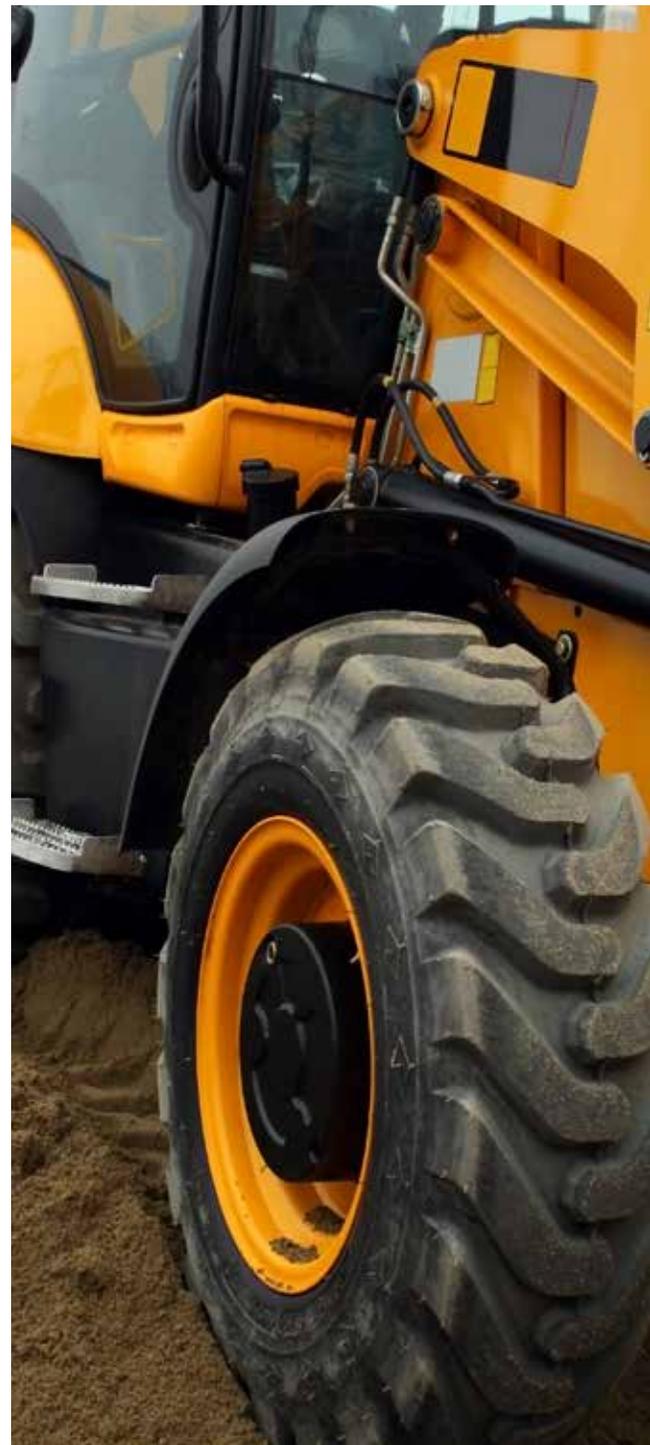
PCI Powder Smoothness Rating	6-7 (high gloss)
Specific Gravity (ASTM D792)	1.2 to 1.8
Adhesion (ASTM D3359)	5B (100%)
Gloss (ASTM D523)	30-99
Pencil Hardness (ASTM D3363)	2H+
Impact (ASTM D2794)	up to 160 inch lbs
Flexibility (ASTM D522)	1/8 inch - No fracturing
Humidity (ASTM D2247)	1,000+ hours
Salt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

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

### Cure Schedule



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





# Diamond Vogel<sup>®</sup>

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