



Peridium[®] T10

SUPER DURABLE TGIC POWDER COATINGS



Peridium[®] TGIC powder coating provides an innovative chemical and corrosion resistance (CR) package to an already robust coating. Peridium T10 provides superior weatherability, corrosion resistance, and chemical resistance, making a one-coat painting process possible.

Typical applications

- Agricultural equipment
- Trailer and over-the-road transport equipment
- Light industrial equipment
- Lawn and garden equipment
- Recreational equipment



Product Features

- Very good chemical and corrosion protection
- Super durable weathering
- Good mechanical properties
- Excellent smoothness
- Superior edge coverage and protection
- Scratch and mar resistance
3H+ Hardness Rating

Chemical and Corrosion Resistance

Business and industry depend on large equipment to do the heavy lifting and hauling. You can rely on the Peridium T10 TGIC Powder Coating to protect and extend the life of the equipment. Peridium T10's chemical resistance makes it a perfect choice for trailers, over-the-road transportation units, and light industrial markets. It protects against oil, diesel, nitrogen fertilizer, chemical sprays, bio-diesel, and DI water. Peridium T10's built-in corrosion resistance protects against costly deterioration without the need of a separate primer.

Why Peridium T10 TGIC Powder Coating?

It is a true one coat product. Applied direct-to-metal without a primer, Peridium T10 provides 2500+ hours of salt spray resistance. When compared to a traditional two-coat system, Peridium T10 saves time and money by eliminating a coat. It also will continue to look great due to its super durable weathering abilities. Peridium T10 is available in custom colors and comes in either semi-gloss or gloss.

The Super Durable T-Series

Peridium T-Series TGIC Powder Coatings offer excellent application and performance characteristics. Diamond Vogel's tightly controlled particle size distribution provides superb first-pass transfer efficiencies. Peridium T10 is an excellent choice for someone looking for superior weatherability, high impact resistance, and chemical resistance in a one-coat product. This coating also provides good overbake resistance and excellent balance between smoothness and edge coverage.

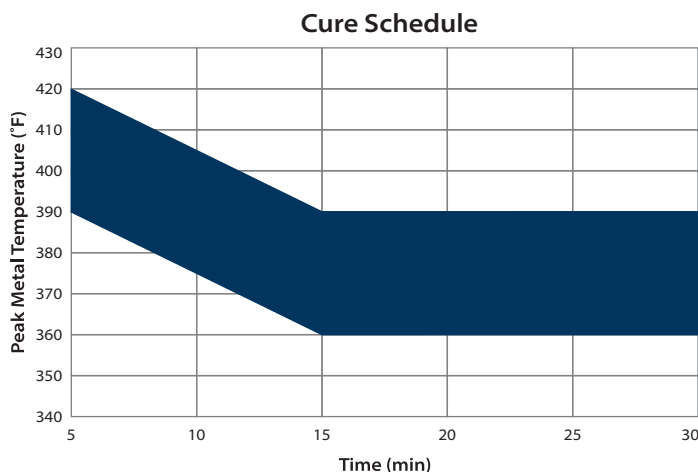
Cured Film Properties

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)	55-99
Pencil Hardness (ASTM D3363)	3H+
Impact (ASTM D2794)	80-160 inch lbs
Flexibility (ASTM D522)	1/8 inch - No cracking
Humidity (ASTM D2247)	1,000+ hours
Salt Spray (ASTM B117)	2,500+ hours

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

Cure Schedule

- Typical cure schedule 10 minutes @ 390°F
- Non-blooming





DELIVERING QUALITY COATING SOLUTIONS DISTINCTIVELY

Architectural • Industrial • Automotive • Traffic
Industrial Wood • Toll Manufacturing • Aerosol

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