

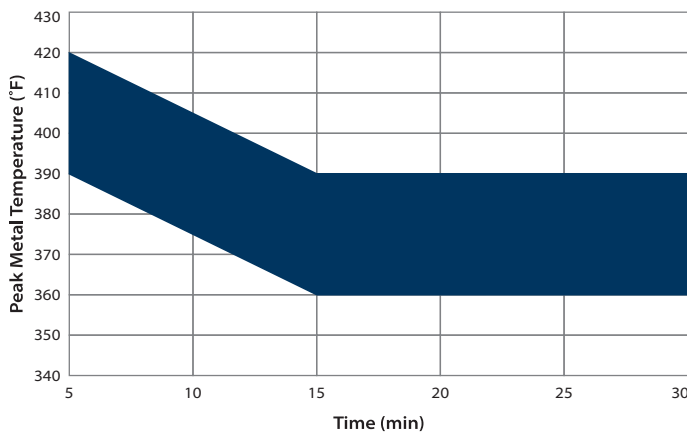
## Peridium® M10 Wrinkle Polyester Powder Coatings

Peridium M10 Powder Coatings offer excellent application and performance characteristics. Diamond Vogel's focus on tightly controlled particle size distribution promotes ideal first-pass transfer efficiency. Peridium M10 offers a unique wrinkle texture appearance along with good exterior durability.

### TYPICAL APPLICATIONS

- Exercise equipment
- Furniture
- Recreational equipment
- Store displays
- Power tools
- Lawn and garden equipment
- Hand tools
- Light fixtures

### CURE SCHEDULE



- Typical cure schedule 10 minutes @ 390°F, peak metal temperature
- Cure range from 20 minutes @ 360°F to 5 minutes at 400°F, peak metal temperature
- Film thickness and application are critical for wrinkle appearance

### CURED FILM PROPERTIES

PCI Powder Smoothness Rating	WRINKLE
Specific Gravity (ASTM D792)	1.2 to 1.8
Adhesion (ASTM D3359)	5B (100%)
Gloss (ASTM D523)	<5
Pencil Hardness (ASTM D3363)	2H+
Impact (ASTM D2794)	20-80 inch lbs
Flexibility (ASTM D522)	1/8 inch
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.