

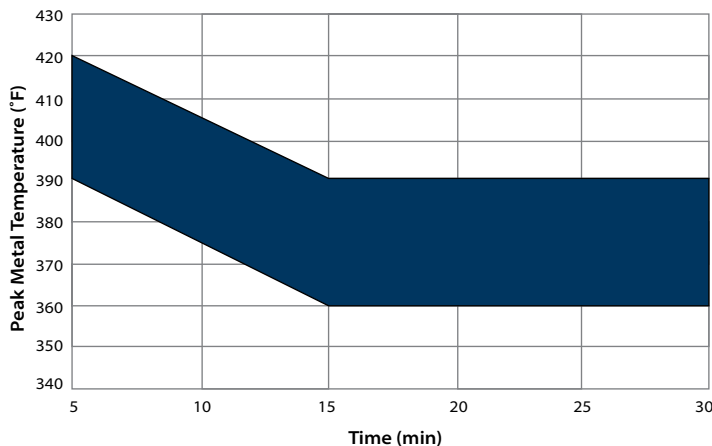
# M75 Dead Flat Super Durable Polyester Powder Coatings

Diamond Vogel M-Series Powder Coatings offer excellent application and performance characteristics. Diamond Vogel's M-Series Powder Coatings' tightly controlled particle size distribution provides extremely good first-pass transfer efficiencies. The M75 polyester powder coating offers very low gloss, good burnish resistance, and excellent long-term exterior durability.

## TYPICAL APPLICATIONS

- Agricultural equipment
- Construction equipment
- Recreational equipment
- Lawn and garden equipment
- Wheels and rims
- Shelving

## CURE SCHEDULES



- Typical cure schedule 10 minutes @ 390°F, peak metal temperature
- Cure range from 20 minutes @ 360°F to 5 minutes at 420°F, peak metal temperature

## CURED FILM PROPERTIES

PCI Powder Smoothness Rating	4-6+
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)	10-60 inch lbs
Flexibility (ASTM D522)	1/4 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.