

PPG Flooring 2550 Waterborne Urethane Coating

Formerly known as Milamar PM550 Waterborne Urethane Coating

DESCRIPTION

Two-component, water-borne aliphatic urethane coating

PRINCIPAL CHARACTERISTICS

- Low VOC
- Low odor
- Breathable
- Easy spray or roll on application
- Good abrasion and impact resistance
- Fully resistant to all common automotive and aviation fluids, salt, and chemical deicers
- TYPICAL USES:
- Suitable for floors and vertical surfaces
- Industrial and commercial warehouses
- Basements, recreation rooms
- Finish coat for PPG Flooring 2640 Breathable Floor Coating (fka Milamar PM400 Breathable Floor Coating)

COLOR AND GLOSS LEVEL

- A wide range of colors are available
- Gloss or Flat

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Volume solids	56 ± 2%
VOC (Supplied)	EPA Method 24: 0.2 lb/US gal (25.0 g/l)
Theoretical spreading rate	320 ft ² /US gal for 2.8 mils (7.9 m ² /l for 71 µm)
Overcoating Interval	Minimum: 6 hours Maximum: 24 hours

Notes:

- Spreading rate is based on wet film thickness (WFT) of 5 mils (125 µm)
- The shelf life for each of the unmixed components (Part A and Part B) for this product is 12 months at 70°F (21°C)
- If overcoat time is exceeded, abrade and clean surface before recoating



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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is proportional to the degree of surface preparation. Refer to the application instructions for specific primers and intermediate coats for application and curing procedures. Ensure epoxies are free from amine blush prior to overcoating. All previous coats must dry and free of contaminants. Adhere to all minimum and maximum topcoat times for specific primers and intermediate coats. Aged coatings require abrading prior to applying the product. A test patch over unknown coatings is recommended.

Substrate temperature and application conditions

- Ambient temperature during application and curing should be between 65°F (18°C) and 90°F (32°C)
- Relative humidity should not exceed 75%
- Do not use when ambient operating temperatures will exceed 200°F (93°C)

SYSTEM SPECIFICATION

- Do not use when ambient operating temperatures will exceed 200°F (93°C)

Chemical Resistances

- Acetone
- Battery acid
- Brake & Hydraulic fluid
- Gasoline
- Motor Oil
- 20% acetic acid
- 20% Nitric Acid
- 50% Sulfuric Acid
- 98% Isopropyl Alcohol

Note:

- A more complete list of chemical resistances is available by request from PPG PMC Technical Services.

INSTRUCTIONS FOR USE

Application

- Spray or apply by roller using a 3/8 in (9.5 mm) nap
- Do not exceed 6 mils (150 µm) wet film thickness

Pot life

1 hour at 75°F (24°C)

Note:

- At 50% relative humidity

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DISCLAIMER

- For industrial or professional use only
- This product is specifically suitable for use on the substrates mentioned in this document. For application on any other substrates, please always contact your distributor or PMC representative for specific instructions and in order to make sure that the product performance can be safeguarded.

SAFETY PRECAUTIONS

- Read all label and Safety Data Sheet (SDS) information prior to use

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets

WARRANTY

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