

DTM Top Coat

For Professional Use Only

DESCRIPTION

- A high-quality, low VOC DTM enamel.
- A self-cross-linking technology that provides low VOC levels.
- Exceptional dirt resistance.
- Chemical and solvent resistant.
- Excellent corrosion resistance and adhesion properties.
- Resists heat, cold, moisture, and weathering.
- Quick drying.

RECOMMENDED USES

Forticoat DTM is used as a DTM Coating over metal surfaces but can also be applied to a wide range of substrates including wood, metal, concrete, masonry, various single-ply membranes, and most commonly used roof coatings. Low VOC levels allow application in most air quality-restrictive areas. Fast drying for a quicker return to service.

Property	Result
Total Solids	41% ± 3%
Weight per Gallon	10.0 lbs per gallon ± 0.2
VOC	65 g/liter
Clean Up	Water
Shelf Life-unopened	12 months @ 40-90°F
Viscosity	110 KU

COLORS

White, Light Gray

PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE	SHIPPING CLASS
55 Gallon drum (208.2 liters)	Class 55
5 Gallon pail (18.9 liters)	Class 55

SURFACE PREPARATION

The surface must be clean, dry, and free of loose particles or other foreign matter. Pressure washing is required on metal surfaces showing signs of oxidation.

APPLICATION

This product may be brushed, rolled, or sprayed on a clean, dry surface. For details, see Equipment Recommendations at the end of this sheet. If sprayed, the material should be at least 75°F. Before applying an additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface, it must be washed and completely dry before the application of subsequent coats.

APPLICATION PROPERTIES

Yield (1 gal to 200 sq ft)	3-4 dry mils
Dry Time (75° F)	2 to 3 hours
Recoat Window	2 to 3 hours
Complete Cure	24 hours

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COVERAGE RATE

Apply Forticoat DTM at the rate of 1 gallon per 200 sq. ft. (8 wet mils). Surface texture and wind will affect applied mil thickness.

ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before the product dries. In high humidity conditions, late afternoon applications should be avoided as overnight dew formation on an uncured surface can cause coating wash-off. On marginal days, multiple applications of thin coats can ensure proper drying before rain or overnight freezes.

LIMITATIONS

The surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of Fortiprime Metal requires complete evaporation of water. Cool temperatures and high humidity retard cure. Do not leave the product exposed to elements for more than 48 hours to prevent weathering and dirt pickup that will compromise adhesive performance properties.

SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at polyurethane.org, sprayfoam.org, www.forti-systems.com, or by contacting your FortiSystems representative directly.

EQUIPMENT

Minimum requirements:

Roller

- 1¼" nap roller

Spray

- 30:1 fluid-to-air ratio capable pump
- 2 1/2 gallons or more per minute (continuous)
- Filter screen 30 mesh or larger
- Hose rated to 2x maximum pump pressure
- Hose lining should be compatible with coating and required cleanout materials
- Hose lengths: (Largest diameter at pump)
 - 3/8 minimum 6 ft wip
 - 3/8 minimum I.D. up to 75 feet
 - 1/2 minimum I.D. up to 200 feet
 - 3/4 minimum I.D. over 200 feet
- Spray gun: Graco Hydra Mastic or equivalent
- Spray Tip:
 - Reversible self-cleaning type
 - Orifice size of .027 to .039
 - Fan angle of 40° to 50°

Always use components rated for pump pressures.

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