



ALPHAGUARD® MT BASE COAT

High Performance, One-Part, Moisture Triggered, Polyurethane Base Coating

DESCRIPTION

The AlphaGuard MT Base Coat is a one-part, moisture triggered, polyurethane roof coating. AlphaGuard MT Base Coat is used with fiberglass mat reinforcement. The fiberglass mat is required on most common roof substrates but is optional on concrete roof decks.

BASIC USES

The AlphaGuard MT Base Coat can be used in a variety of projects, ranging from rooftops, IRMA and vegetative roof systems.

FEATURES & BENEFITS

- Single Component: No mixing of A and B component
- Moisture Triggered: No carbon dioxide generated during cure, lead to reduced blistering and pinholing
- Aliphatic Urethane: Excellent weathering resistance
- Low VOC and Low Odour

PACKAGING

18.9 L (5.0 gallon) pails
7.57 L (2.0 gallon) pails

COLOURS

Grey

COVERAGE

AlphaGuard MT Base Coat: 1.2 L/m²
Granule Surfaced MB: 1.6 L/ m²

INSTALLATION

Even though AlphaGuard MT Base Coat is a single component product it still requires some mixing to make sure that any liquid and pigment separation that may have occurred during shipping or storage is eliminated.

Before use, mix the AlphaGuard BC using a slow speed, high torque drill equipped with a jiffy type mixing paddle for 2-3 minutes. Take care to keep the paddle submersed in the liquid during mixing. Raising the paddle in and out of the liquid can introduce air into the coating which can lead to pinholes in the cured coating.

Please refer to the Method Statement for the coating system being applied for detailed installation instructions including recommended thicknesses, detailing work etc.

LIMITATIONS

- Do not apply when ambient temperatures are below 50°F (10°C).
- Do not adhere to expanded polystyrene or extruded polystyrene.
- Do not apply directly to plywood, tongue and groove decks, wood decks, poured in place gypsum, lightweight insulating concrete decks, structural lightweight concrete and cementitious wood fibre decks.
- Not for use over coal tar pitch, gravel BUR, corrugated metal roof systems or silicone-based coatings and sealants.
- Do not apply to structural concrete deck without using a primer.

WARRANTY

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or colour. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Coatings. Tremco's sole obligation shall be, at its option, to replace or refund the purchase of the quantity of Tremco Coatings proven to be defective and Tremco shall not be liable for any loss or damage.

PROPERTY	TEST METHOD	TYPICAL VALUE
Dynamic Puncture Resistance ¹	ASTM D 5635	> 30 joules
Static Puncture Resistance	ASTM D 5602	> 30 kg
Water Vapor Transmission	ASTM E 96	0.020 perm-in. (5.16 g/m ² /day)
Accelerated Weathering – 5,000 hrs	ASTM G 154	Pass – no cracking or checking
Elongation at Break	ASTM D412	> 250%
Tensile Strength	ASTM D412	> 9 MPa
Flexibility - Mandrel bend	ASTM D 522	Pass – no cracking or flaking
Volume Solids	ASTM D 2697	87 - 89%
Weight Solids	ASTM D 1644	88 - 90%
Volatile Organic Content	ASTM D 3960	< 35 g/l
Viscosity	ASTM D 2196	3,000-6,000 cp
<i>¹Data is for AlphaGuard MT System</i>		
Skin time at:	29°C / 70% RH	< 1 hour
	18°C / 70% RH	2 – 3 hours
	10°C / 70% RH	4 – 6 hours
Over-coat time at:	29°C / 70% RH	2 – 4 hours
	18°C / 70% RH	6 – 10 hours
	10°C / 70% RH	16 – 18 hours

To find your local office address and contact details, visit

www.tremcocpg-asiapacific.com

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