

Permafab MAX

Premium polyester reinforcing fabric



FEATURES

- Heavy Weight & Unique Design
- Open Weave
- Highly Conformable
- Polyester Technology

BENEFITS

- Increased flexibility, stability, and strength performance properties
- Unmatched wetting characteristics
- Conforms to even the most difficult details and transitions
- Non rotting, moisture resistant material

DESCRIPTION

Permafab MAX is a polyester-based reinforcing fabric.

BASIC USES

Permafab MAX is designed to be used in conjunction with Tremco liquid applied products providing additional flexibility, stability, and strength properties.

PACKAGING

- 4" x 324' roll (101.6 mm x 98.7 m)
- 6" x 324' roll (152.4 mm x 98.7 m)
- 12" x 324' roll (304.8 mm x 98.7 m)
- 40" x 324' roll (1,016 mm x 98.7 m)

COLOR

White

STORAGE

DO NOT ALLOW ROLLS TO BECOME WET

Recommended storage is indoors in a ventilated, dry area removed from heat, open flame, ignition sources and direct sunlight. Storage temperatures should range from 60-70°F (15-21°C) and must not drop below 32°F (0°C) or exceed 110°F (43°C).

On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.

Shelf life could be affected if the product is not stored properly.

APPLICATION

Follow preparation/application recommendations for liquid applied products being used in conjunction with Permafab MAX.

Fully-Reinforced Application: Fully embed Permafab MAX into wet liquid applied product using a brush or roller until reinforcement is fully saturated and is free of voids, wrinkles, air pockets, standing fibers, etc. In overlap areas ensure wet product is present on the top of the embedded sheet and overlap side laps a minimum of 3" (76 mm) and end laps a minimum of 6" (152 mm). Follow the same guidelines to embed the reinforcement in these areas. Do not allow foot traffic on Permafab MAX during application or until liquid product has cured. Apply top coat at the specified rate fully covering the embedded Permafab MAX.

Partially-Reinforced System Application: Install a three-course application on all drainage components, field laps/seams, flashing base and vertical laps/seams, penetrations, etc. following Tremco detail guidelines. Install the three-course application fully embedding Permafab MAX into wet liquid applied product using a brush or roller until reinforcement is fully saturated and is free of voids, wrinkles, air pockets, standing fibers, etc. Then fully encapsulate the Permafab MAX with an additional application liquid applied product.

Permafab MAX

COVERAGE RATES

4" x 324' roll (101.6 mm x 98.7 m) - Approx. 108 sq. ft. (10.0 m)
6" x 324' roll (152.4 mm x 98.7 m) - Approx. 162 sq. ft. (15.0 m)
12" x 324' roll (304.8 mm x 98.7 m) - Approx. 324 sq. ft. (30.1 m)
40" x 324' roll (1,016 mm x 98.7 m) - Approx. 1,080 sq. ft. (100.3 m)

Note: Coverage rates do not account for overlapped areas.

LIMITATIONS

Refer to liquid applied product data sheets for specific product limitations.

PHYSICAL PROPERTIES

PHYSICAL PROPERTY	TEST METHOD	TEST VALUE
Bursting Strength (Ball Burst)	ASTM D3787	215 psi
Elongation	ASTM D2523	MD - 125% XMD - 96%
Peak Load	ASTM D2523	MD - 106 lbf/in XMD - 67 lbf/in
Elongation	ASTM D5034	MD - 25% XMD - 25%
Elongation @ Yield	ASTM D5034	MD - 25% XMD - 25%
Elongation @ Max Load	ASTM D5034	MD - 25% XMD - 94%
Peak Load	ASTM D5034	MD - 117 lbf/in XMD - 123 lbf/in
Tear Strength (Trapezoid)	ASTM D5587	MD - 73 lbf XMD - 60 lbf
Tear Strength (Elmendorf)	ASTM D5734	MD - > 3,200 gramforce XMD - > 3,200 gramforce
Tear Strength (Tongue)	ASTM D2261	MD - 25 lbf XMD - 23 lbf
Thickness	ASTM D1777	0.022 in (0.55 mm)
Weight	ASTM D3776	3.94 lbs/100 ft ² (48.82 g/m ²)

MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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