

Permafab

Polyester reinforcing fabric

FEATURES

Highly Conformable
Polyester Technology
Open Weave

BENEFITS

- Conforms to even the most difficult details
- Non rotting, moisture resistant material
- Allows for improved wetting characteristics

DESCRIPTION

Permafab is 100% stitchbonded, polyester reinforcing fabric.

BASIC USES

Permafab is designed to be used in conjunction with designated Tremco liquid-applied products providing additional stability and strength properties to the application.

PACKAGING

4" x 300' roll (101.6 mm x 7.62 m)
6" x 300' roll (152.4 mm x 7.62 m)
12" x 300' roll (304.8 mm x 7.62m)
40" x 324' roll (1016 mm x 8.23 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.

Performance 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.

Apply Permafab as it comes off the roll. Do not flip or invert the reinforcement during use.

Fully-Reinforced Application: Fully embed Permafab 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 during application or until liquid product has cured. Once cured, apply top coat at the specified rate fully covering the embedded Permafab.

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 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

APPLICATION

CONTINUED

COVERAGE RATES

LIMITATIONS

PHYSICAL PROPERTIES

CODES & APPROVALS

MAINTENANCE

PRECAUTIONS

TECHNICAL SUPPORT



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Permafab

of voids, wrinkles, air pockets, standing fibers, etc. Then fully encapsulate the Permafab with an additional application liquid applied product.

4" x 300' - Approx. 100 sq. ft. (9.2 m²)
6" x 300' - Approx. 150 sq. ft. (13.9 m²)
12" x 300' - Approx. 100 sq. ft. (27.8 m²)
40" x 324' roll - Approx. 1,080 sq. ft. (100.3 m²)

NOTE: Coverage rates do not account for overlapped areas.

Refer to the respective liquid-applied product data sheet for specific application information.

PROPERTY	TEST METHOD	TYPICAL VALUE
Ball Burst	109 lbs. (49.4 kg)	ASTM D3787
Elongation	61.65%*	ASTM D1682
Elongation	@ Max Load MD - 25%, XMD - 79%	ASTM D5034
Mildew & Rot Resistance	Excellent	
Mullen Burst 1	76.8 lbs. (80.2 kg)*	ASTM D3786
Tear Strength (Trapezoid)	16.1 lbs (7.3 kg)*	ASTM D1117
Tear Strength (Trapezoid)	MD - 22 lbs (9.9 kg), XMD - 21 lbs (9.5 kg)	ASTM D5587
Tensile Strength	51.1 lbs (23.2 kg)*	ASTM D1682
Tensile Strength (1" Jaws)	MD - 67 lbs (30.3 kg), XMD - 59 lbs (26.7 kg)	ASTM D5034
Tensile Strength (2" Jaws)	MD - 124 lbs (56.2 kg), XMD - 77 lbs (34.9 kg)	ASTM D5034
Thickness	0.018 in	ASTM D1777
Weight per Sq. Yd. (m2)	3 oz. (0.1 kg)	
Weight per 40" x 324' Roll	33 lbs. (13.6 kg)	

*Average of machine & cross machine direction values

Florida Building Code



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 preventative maintenance are all part of a sound roof program.

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

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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