



"It's What the Pros Use"

Technical Product Data

FR 2.00 Series Polyester Fabric Reinforcer

Basic Uses & Description:

FR 2.00 Series Polyester Fabric Reinforcer is stitch-bonded, low profile, polyester designed for use with the PM Home Sil High Solids Silicone Roof Coating Series roofing and waterproofing systems to form a strong, yet conforming membrane. FR 2.00 Series Polyester Fabric Reinforcer is used to increase tensile and add strength to moving joints and flashings.

Application:

When applying the FR 2.00 Series Polyester Fabric Reinforcer with PM Home Sil silicone roof coatings, the substrate must be clean and free of any moisture and debris. Apply the base coat of silicone coating onto the substrate at approximately 10 to 15 mils extending the coating 2" on all sides of the area to receive the fabric. Next, set the FR 2.00 Series Polyester Fabric Reinforcer in the wet coating ensuring there are no fish-mouths or wrinkles. It is extremely important to fully saturate the FR 2.00 Series Polyester Fabric Reinforcer from edge to edge. Apply finish coat over polyester at rate of approximately 20 to 30 mils and extending the coating past the edge of the fabric to ensure a watertight condition. Any exposed fibers will wick moisture into the system. An additional coat of silicone may be required under certain conditions. It is crucial that all wrinkles and fish mouths be smoothed out during application. If not, the potential for failure is likely. If wrinkles and fish-mouths are present after material is fully cured out, cut out wrinkle or fish-mouth and re-apply the FR 2.00 Series Polyester Fabric Reinforcer as described above. For installation instructions of the silicone coating, please see the products applicable Technical Product Data Sheet or the installation guide, or consult your PM representative.

Ordering Information:

FR 2.00 Series Polyester Fabric Reinforcer is offered in 6", FR 2.06, and 12", FR 2.12. Rolls are 180' long.

Product Characteristics

As Supplied:		FABRIC SPECIFICATIONS	
Appearance.....	White	Construction.....	Stitch-bond
Tensile (ASTM D-5034).....	WARP 74 lbs WEFT 54 lbs	Fiber Content.....	100% Polyester
Elongation at Break (ASTM D-5034).....	WARP 21.3% WEFT 51.3%	Yarn.....	100% Polyester
Elongation (ASTM D-5034).....	61-63%	Thickness.....	.018"
Ball Burst (ASTM D-3787).....	111 lbs	Weight.....	3.41 oz/sq. yd
Mullen Burst (ASTM D-3786).....	76.8 lbs	Available Sizes	
Trapezoid Tear Strength (ASTM D-1117).....	WARP 13.5 lbs WEFT 24.2 lbs	PF206 – 6" wide x 180' long	
Trapezoid (ASTM D-1117).....	16.1%	PF212 – 12" wide x 180' long	
*These averages are the typical averaged results of random tests conducted on this fabric by an independent testing laboratory.			

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