

POLAFAB™

Low Profile Reinforcing Fabric



Performance
Coatings & Sealants
Systems

DESCRIPTION

Polafab is a polyester reinforcing fabric that is embedded into any of Andek's liquid applied coatings to boost cured membrane strength. It features a smooth profile that allows the fabric to become camouflaged into the coating membrane so that joints and transitions become inconspicuous. Polafab possesses a unique fiber structure, which results in exceptional tensile, tear and elongation properties. Furthermore, it is naturally soft and conforms easily around irregular substrates.

OUTSTANDING FEATURES

- ✓ Chemically reacts with the saturating coating to form a tough, structural composite
- ✓ Saturates quickly and easily during application
- ✓ Conforms easily around irregular contours and profiles
- ✓ Allows joints and transitions to be camouflaged for aesthetic concerns
- ✓ Remains flexible at low temperatures; remains elastic during rapid temperature cycling and accommodates repetitive changes without fatigue
- ✓ Will not embrittle, shatter, or lose strength with environmental extremes
- ✓ Will not rot or biologically decompose

APPLICATION

Prepare the substrate and apply a coat of the liquid roof coating as outlined in the coating's application instructions. Polafab should be unrolled and thoroughly worked into the newly applied wet coating. Be sure to eliminate voids and air pockets. If necessary, apply additional coating directly onto the Polafab to thoroughly saturate the fabric. Polafab needs to be saturated with enough coating so that the fabric is visibly wet with coating on both its top and bottom sides. This insures both proper bond and watertightness. No fabric areas should be left uncoated. Cutting is best accomplished with scissors. Full width rolls should be overlapped by 2" and sufficient coating used to adequately saturate both layers of Polafab and avoid fishmouths. Saturated Polafab with wrinkles should be pulled on carefully to remove wrinkles but do not stretch the fabric. When

laying into corners, Polafab must be cut to fit; otherwise, its elasticity will pull it back out again. Some situations may require the Polafab to be anchored with staples to the substrate while the coating cures to prevent slippage.

LIMITATIONS

Newly applied and coated Polafab should not be walked on until it is thoroughly dry. Do not allow any uncoated areas or sections of Polafab to remain exposed.

MAINTENANCE

Any damaged areas can be repaired with Polafab and additional coating. Cut the Polafab to the necessary size and shape to fit the repair. Next, apply coating (or primer and coating) to the repair area. Finally, embed the Polafab and immediately topcoat the entire area with coating. Allow the repair to fully cure.

SPECIFICATIONS

Fabric Type	100% twin matrix polyester
Weight	2 ounces per yard
Strength	116 pounds ball burst
Storage Life	Indefinite
Average Thickness	15 mils
Coverage	One 38" wide roll yields 950 sq ft
Packaging	4" to 38" width rolls; all rolls are 300' long
Color	White

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PRECAUTIONS

There are no known health hazards associated with POLAFAB. The coatings that are used with POLAFAB may involve health hazards that should be evaluated separately and prior to their use.

For additional information, contact Andek's Technical Department.

TECHNICAL DATA	
Weight	2 ounces per yard
Thickness	0.015
Ball bursting strength/lb	116
Tensile/lb	97
Tear/lb	36

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