

VFI-Polyester Cold Process Roofing Fabric

PRODUCT DESCRIPTION:

VFI-Polyester Fabric stitch bonded polyester Fabric rolls are designed to provide support and strength to elastomeric roof coating applications. **VFI-Polyester Fabric** has high elongation and will conform to most shapes on roof decks. Although very strong, it retains excellent stretch conformability at parapet walls, skylights, penetrations, all vertical transitions, etc. and/or at lap seams on metal panels. In short, **VFI-Polyester Fabric** is used to support Volatile Free, Inc. coatings wherever the roof changes direction and incurs greater stress.

VFI-Polyester Fabric exhibits high resistance to splitting and cracking from thermal shock, low temperatures, freeze/thaw cycles, folding, creasing and rough handling. Unlike fiberglass, it is non-irritating to the skin.

TYPICAL PROPERTIES:

Property	Average Typical Values
Target Weight	3.04 oz./yd ²
Tensile Strength: (1" Jaws) ASTM D5034	MD: 59 lbs CD: 36 LBS
Tensile Strength: (2" Jaws) ASTM D5034	MD: 124 lbs CD: 77 LBS
Elongation at Max Load: ASTM D5034	MD: 26% CD: 64%
Ball Burst: ASTM D3787	109 lbs
Trapezoid (Tear Strength): ASTM D5587	MD: 17 lbs CD: 20 lbs
Thickness: ASTM D1777	.018 lbs
Base Fabric	100% Polyester
Finished Fabric Content	100% Polyester

*Average machine and cross machine direction

PACKAGING:

- Roll Size: 10.8 squares gross, 10.0 squares net applied (3" single ply overlap)
- Roll Dimensions: 40" wide x 324' long with lap lines for one and two ply application. (Roll Weight: ~25 lbs. per roll.)
- Area: 1080 net sq. ft. (1000 net sq.ft. with 3" overlap).
- Roll Dimensions: 6" wide x 300'. (Roll Weight: ~3.6 lbs. per roll.)

WATER AND ROT RESISTANCE:

VFI-Polyester Fabric fabric maintains its physical properties when wet and is dimensionally stable during humidity changes. It does not rot. After burial in soil for 5 years, **VFI-Polyester Fabric** retained all of its original properties.

WEATHERING:

- VFI-Polyester Fabric** is unaffected by sunlight when covered with roof coatings or aggregates.

COATINGS:

- VFI-Polyester Fabric** has been successfully used with a variety of Volatile Free, Inc. cold process roof coatings, including acrylic, urethane, silicone, hypalon, and synthetic rubber coatings. For best results, follow coating manufacturer's specifications.

APPLICATIONS:

- VFI-Polyester Fabric** is typically embedded into a layer of elastomeric coating of 20-25 wet mils applied to the desired area. Fabric must be placed into the coating without stretching the fabric over surface imperfections. Fabric is then rolled or brushed at 45° angles to eliminate any wrinkles or fishmouths. Another 8-16 wet mils of elastomeric coating is rolled or brushed over the fabric and basecoat. Coating should be feathered out along fabric edges so fabric is totally covered and a smooth transition of the coating to the surface is achieved.

PRIOR TO USE OF THIS MATERIAL,
READ ALL APPROPRIATE SAFETY DATA SHEETS

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