

Bay Liner FP Fabric System™

Fabric Physical Characteristics

This product is a custom formulated, proprietary fabric used by Bay Insulation in its Bay Liner Fabric Systems. General characteristics of the fabric are given below and represent typical values. Proprietary characteristics are either not shown or are listed below as “Proprietary.”

CONSTRUCTION	HDPE 900X1200 Denier +/- 10% Proprietary Woven Scrim (9 X 6) count per inch in warp and fill
COATINGS (Proprietary UVMAX®)	Fire retardant, low density polyethylene 1.8 mil UVMAX® White (one side) 1.3 mil UVMAX® Grey (one side)
COLORS	UVMAX® White/UVMAX® Grey
SIZES	Custom-made sizes to fit any area up to 5,000 sq. ft. per piece
WEIGHT	4.1 oz./yd ²
TENSILE STRENGTH	160 lbs Warp, 135 lbs Fill (ASTM D1682-64, Grab Method)
TEAR STRENGTH	64 lbs Warp, 63 lbs Fill (ASTM D4633-91, Tongue Method)
WATER RESISTANCE	Not affected. Washable with mild detergent.
BURSTING STRENGTH	>200 psi (ASTM D751-73, Mullen Method)
WATER VAPOR TRANSMISSION	0.02 U.S. Perms – Procedure A, Non-Inverted Method (ASTM E-96) Also available in perforated form for special applications (ice rinks, coolers, etc.)
FIRE HAZARD CLASSIFICATION (ASTM E-84 or UL 723)	Class A, Flame spread ≤ 25 (Self-extinguishing)
FALL PROTECTION	Certified (Proprietary US Patent No. 5901518) (OSHA-accepted as leading edge/through protection)
PROTECTION FROM FALLING OBJECTS	Proprietary
TOTAL THICKNESS	5.9 mils +/- 10% (ASTM D-2103)
LIGHT REFLECTIVITY	>84%
UVMAX® RESISTANCE LEVEL	UVMAX® Level 7 (Scale 1-10)
SEAMS	Vapor tight, proprietary double-extrusion weld process insures vapor-tight seams
COLD TEMPERATURE FLEXIBILITY	Minus 60° F – Passes

These values are typical data and are not intended as limiting specifications.
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