

SHEERFILL® I with EverClean®

SHEERFILL Architectural Membrane is the original permanent tensioned membrane. SHEERFILL I was the first developed and remains the product of choice for applications where a very high strength to weight ratio is required to meet the demands of long spans, and high winds or snow loads.

EverClean Photocatalytic Topcoat provides enhanced self-cleaning properties, helping to keep the membrane whiter and brighter while further reducing the already low maintenance requirements of the PTFE coating. In addition, EverClean helps to clean the air through the reduction of SO_x and NO_x atmospheric pollutants.

All SHEERFILL membranes conform to rigid fire and building codes for permanent structures.

Typical Properties

Property	Value	Test Method
Coated Fabric Weight (oz/yd ²)	45.5 nominal	ASTM D4851-88
Thickness (in)	0.036 nominal	ASTM D4851-88
Breaking Strength (lb/in) Strain Rate: 2 in/min		
Warp	1025 min. avg.	ASTM D4851-88
Fill	950 min. avg.	
Breaking Strength (lb/in) After Crease Fold		
Warp	800 min. avg.	ASTM D4851-88
Fill	755 min. avg.	
Trapezoidal Tear (lb)		
Warp	100 min. avg.	ASTM D4851-88
Fill	130 min. avg.	
Solar Transmission (%)	10 nominal	ASTM E424
Solar Reflectance (%)	73 nominal	ASTM E424
Burning Characteristics		
Flame Spread	5 max	ASTM E84
Smoke Generation	5 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Fire Resistance of Roof Coverings Spread of Flame & Intermittent Flame	Class A	ASTM E108
Flame Resistance	Pass	NFPA 701, Small Scale
Color	White (after exposure to sunlight)	-
Reinforcement Construction	Warp β150 4/3 Fill β150 4/3	Count W18 x F19

Values listed are for virgin roll goods only. Appropriate industry safety factors need to be used to account for the in-service effects of handling, weathering, etc.

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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