

SHEERFILL® IIA

SHEERFILL Architectural Membrane is the original permanent tensioned membrane. SHEERFILL IIA was developed to provide balanced strength and higher light transmission.

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)	38 nominal	ASTM D4851-88
Thickness (in)	0.028 nominal	ASTM D4851-88
Breaking Strength (lb/in) Strain Rate: 2 in/min		
Warp	675 min. avg.	ASTM D4851-88
Fill	675 min. avg.	
Breaking Strength (lb/in) After Crease Fold		
Warp	500 min. avg.	ASTM D4851-88
Fill	500 min. avg.	
Trapezoidal Tear (lb)		
Warp	65 min. avg.	ASTM D4851-88
Fill	75 min. avg.	
Solar Transmission (%)	16 nominal	ASTM E424
Solar Reflectance (%)	72 nominal	ASTM E424
Burning Characteristics		
Flame Spread	5 max	ASTM E84
Smoke Generation	20 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 4/2 Fill β150 4/2	Count W20 x F20

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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IMPORTANT: It is the user's responsibility to ensure the suitability, fitness and safety of Saint-Gobain Performance Plastics products for all intended uses and that the components to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility or liability for any advice furnished by it or for any product failures that occur due to installation or misuse arising out of the design, fabrication or application of the products into which they are incorporated.

Limited Warranty: Please see the limited warranty available from Saint-Gobain Performance Plastics for details of warranty coverage for the specific SHEERFILL product. If you have questions about the limited warranty, please contact Saint-Gobain Performance Plastics as referenced above.

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