

## SHEERFILL® II

SHEERFILL Architectural Membrane is the original permanent tensioned membrane. SHEERFILL II has become the standard by which other materials are measured and it offers an excellent balance of strength and light transmission.

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

### Typical Properties

Property	Value	Test Method
<b>Coated Fabric Weight</b> (oz/yd <sup>2</sup> )	38.5 nominal	ASTM D4851-88
<b>Thickness</b> (in)	0.030 nominal	ASTM D4851-88
<b>Breaking Strength</b> (lb/in) Strain Rate: 2 in/min		
Warp	825 min. avg.	ASTM D4851-88
Fill	600 min. avg.	
<b>Breaking Strength</b> (lb/in) After Crease Fold		
Warp	680 min. avg.	ASTM D4851-88
Fill	415 min. avg.	
<b>Trapezoidal Tear</b> (lb)		
Warp	75 min. avg.	ASTM D4851-88
Fill	70 min. avg.	
<b>Solar Transmission</b> (%)	12 nominal	ASTM E424
<b>Solar Reflectance</b> (%)	73 nominal	ASTM E424
<b>Burning Characteristics</b>		
Flame Spread	5 max	ASTM E84
Smoke Generation	10 max	Tunnel Test
<b>Incombustibility of Substrates</b>	Pass	ASTM E136
<b>Fire Resistance of Roof Coverings</b> Spread of Flame & Intermittent Flame	Class A	ASTM E108
<b>Flame Resistance</b>	Pass	NFPA 701, Small Scale
<b>Color</b>	White (after exposure to sunlight)	-
<b>Reinforcement Construction</b>	Warp β150 4/2 Fill β150 4/2	Count W24 x F19.5

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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