

SHEERFILL® Illuminate 48

The Illuminate family of SHEERFILL® Architectural Membranes is designed for use as a roofing or facade material where higher light transmission is desired, while allowing for creative design options that are only possible with single layer tensile membrane systems.

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)	22 nominal	ASTM D4851-88
Breaking Strength (lb/in) Strain Rate: 2 in/min		
Warp	600 min. avg.	ASTM D4851-88
Fill	400 min. avg.	
Trapezoidal Tear (lb)		
Warp	75 min. avg.	ASTM D4851-88
Fill	75 min. avg.	
Solar Transmission (%)	48 nominal	ASTM E424
Burning Characteristics		
Flame Spread	0	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

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. Product specifications are subject to change. Please consult with Saint-Gobain to confirm latest version of this data sheet.

Solar properties are for fully sun-bleached material.

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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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