

SHEERFILL® I

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.

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

Typical Properties

Property	Value	Test Method
Coated Fabric Weight (g/m ²)	ca. 1540	DIN 53352
Greycloth Weight (g/m ²)	ca. 630	DIN 53354
Yarn (W/F)	400	DIN 53830
Ends/Picks (W/F pro cm)	ca. 7.1/7.5	DIN 53853
Tensile Strength (N/5cm)		
Warp	8000 min. avg.	DIN 53354
Fill	7000 min. avg.	
Trap Tear Strength (N)		
Warp	600 min. avg.	DIN 53363
Fill	600 min. avg.	
Adhesion (N/5 cm)	100. min. avg.	DIN 53357
Translucency at 550 nm (%)	ca. 10	-
Solar Reflectance (%)	73 nominal	ASTM E424
Fire Testing	B-s1-d0	EN 13501
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
Support Cloth	EC3	DIN 60001
Color	White (after exposure to sunlight)	-

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.

Saint-Gobain Performance Plastics
701 Daniel Webster Highway
Merrimack, NH 03054
Customer Service: +1 800 451 6101
Telephone: +1 603 424 9000

sheerfill@saint-gobain.com

www.sheerfill.com

SHEERFILL® is a registered trademark
©2018 Saint-Gobain Performance Plastics Corporation

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.

Valid 07/2018 • Supersedes all previous versions
PDS.SFI(DIN).0718.CFMFC