

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 (g/m ²)	ca. 1280	DIN 53352
Greycloth Weight (g/m ²)	ca. 450	DIN 53854
Yarn (W/F)	265	DIN 53830
Ends/Picks (W/F pro cm)	ca. 8/8	DIN 53853
Tensile Strength (N/5cm) Warp Fill	5600 min. avg. 5600 min. avg.	DIN 53354
Trap Tear Strength (N) Warp Fill	265 min. avg. 310 min. avg.	DIN 53363
Adhesion (N/5 cm)	75 min. avg.	DIN 53357
Translucency at 550 nm (%)	ca. 16	-
Solar Reflectance (%)	72 nominal	ASTM E424
Fire Testing	B-s1-d0	EN 13501
Burning Characteristics Flame Spread Smoke Generation	5 max 20 max	ASTM E84 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.

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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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