

## SHEERFILL® Fabrador IA

Fabrador is an acoustically absorptive membrane that is used as a liner in SHEERFILL Architectural Membrane systems. Fabrador serves not only to attenuate sound but also to enhance the thermal characteristics of fabric roof systems.

Fabrador materials are translucent, non-burning, porous composites based on fiberglass and PTFE. 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> )	10 nominal	ASTM D4851-88
<b>Thickness</b> (in)	0.012 nominal	ASTM D4851-88
<b>Breaking Strength</b> (lb/in) <b>Strain Rate: 2 in/min</b>		
Warp	315 min. avg.	ASTM D4851-88
Fill	220 min. avg.	
<b>Breaking Strength</b> (lb/in) <b>After Crease Fold</b>		
Warp	300 min. avg.	ASTM D4851-88
Fill	210 min. avg.	
<b>Trapezoidal Tear</b> (lb)		
Warp	25 min. avg.	ASTM D4851-88
Fill	20 min. avg.	
<b>Solar Transmission</b> (%)	29 nominal	ASTM E424
<b>Solar Reflectance</b> (%)	65 nominal	ASTM E424
<b>Burning Characteristics</b>		
Flame Spread	0 max	ASTM E84
Smoke Generation	0 max	Tunnel Test
<b>Incombustibility of Substrates</b>	Pass	ASTM E136
<b>Sound Absorption</b>		
Octave Band Center		
Frequency, Hz 250 500 1000 2000 4000	NRC	ASTM C423
Absorption Coefficient	0.55	
SABINS/ft <sup>2</sup> (Nominal) 0.80 0.56 0.70 0.72 0.68		
<b>Color</b>	White (after exposure to sunlight)	-
<b>Reinforcement Construction</b>	Warp β150 1/3 Fill β150 1/3	Count W32 x F23

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](mailto:sheerfill@saint-gobain.com)

[www.sheerfill.com](http://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.SFFABIA(ASTM).0718.CFMC