

SHEERFILL® II EverClean®

SHEERFILL® II Architectural Membrane with EverClean® (TiO₂) Top Coat

SHEERFILL® is the trademark for a family of membranes used in permanent structures. The composite is made of fiberglass and polytetrafluoroethylene (PTFE). The EverClean® Photocatalytic Topcoat provides enhanced self-cleaning properties, and helps clean the air through NO_x and SO_x reduction. All SHEERFILL membranes conform to rigid fire and building codes for permanent buildings.

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Typical Properties¹

Property	Value	Method
Coated Fabric Weight (g/m ²) (Ges.)	ca. 1305	DIN 53352
Greycloth Weight (g/m ²)	ca. 485	DIN 53854
Yarn W/F	265	DIN 53830
Ends/Picks W/F pro cm	ca. 9.5/7.7	DIN 53853
Tensile Strength (N/5 cm)		DIN 53354
Warp	7000 min. avg.	
Fill	6000 min. avg.	
Tear Resistance (Trapez) (N) K/S		DIN 53363
Warp	500 min. avg.	
Fill	500 min. avg.	
Adhesion (N/5 cm)	100 min. avg.	DIN 53357
Translucency at 550 nm (%)	ca. 12	
Solar Reflectance (%)	73 nominal	ASTM E424
Fire Testing	B-s1-d0	EN 13501
Burning Characteristics		
Flame Spread	5 max	ASTM E84
Smoke Generation	10 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Fire Resistance of Roof Coverings		
Spread of Flame and Intermittent Flame	Class A	ASTM E108
Flame Resistance	Pass	NFPA 701, Small Scale
Support Cloth	EC3	DIN 60001
Color	White (after exposure to sunlight)	—

¹Values 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.



Listed
product ID #8639-2



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