



Listed
Product ID #15803-3

ULTRALUX® I Architectural Membrane

ULTRALUX® is the trademark new high light transmission membrane for use in permanent structures. The composite is made of fiberglass and polytetrafluoroethylene (PTFE). This membrane can be used on all sizes and types of structures. The new ULTRALUX I Architectural Membrane conforms to rigid fire and building codes for permanent buildings.

Typical Properties¹

Property	Value	Method
Coated Fabric Weight g/m ² (Ges.)	ca. 1188	DIN 53352
Greycloth Weight g/m ² (Rohw.)	ca. 415	DIN 53854
Yarn K/S	265	DIN 53830
Ends/Picks K/S pro cm	ca. 7.5/6.5	DIN 53853
Tensile Strength K/S (N/5 cm)	ca. 5920/5250	DIN 53354
Tear Resistance warp/weft (Trapez) (N) K/S	ca. 331/331	DIN 53363
Translucency at 550 nm (%)	ca. 22	
Burning Characteristics		
Flame Spread	0 max	ASTM E84
Smoke Generation	0 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Flame Resistance	Pass	NFPA 701, Small Scale
Support Cloth	EC3	DIN 60001
Color	White (after exposure to sunlight)	

¹ 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.

ULTRALUX® I

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