

FIBERLUXE™ TYPE IV (BC1500)



FIBERLUXE Architectural Membranes are designed for use as permanent tensioned membranes. These membranes feature a tightly woven fiberglass fabric coated with PTFE - FIBERLUXE Membranes allow diffuse natural light in while providing the strength needed for long spans in lightweight construction.

FIBERLUXE TYPE IV delivers an excellent balance of weight and strength to suit a wide range of applications requiring high snow and/or wind load bearing permanent membrane structures.

Product	Product category	Coating
PTFE COATED GLASS FABRIC	ARCHITECTURAL MEMBRANES	PTFE FEP top sealing

Properties	Metric		Test method
Standard usable width	3.810	mm	
Weight ¹	1.540	gr/m ²	DIN 53352
Tensile strength - warp x weft (min. avg)	8.000 x 7.000	N/5cm	DIN 53354
Tear strength - warp x weft (min. avg)	500 x 500	N	DIN 53363
Coating adhesion (min. avg)	100	N/5cm	DIN 53357
Light transmission ² at 550nm	10	%	
Reflectance ² at 550nm	74	%	
Fire Test for Building Materials	B-s1-d0		EN 13501-1
Burning characteristics Flame spread index Smoke development index	Class A 0 0		ASTM E84 Tunnel Test
Combustibility of materials	Pass		ASTM E136
Color	WHITE (After exposure to sunlight)		

¹Coated weight is ±10%

²Values are for fully sun-bleached material.
All other values are nominal values.

Values listed are typical values for virgin roll goods only.
Values should not be used for specification purposes.
Specifications are subject to change without notice.
Contact Fiberflon for more information.

FIBERFLON® FIBERLUXE™ Architectural Membranes are made of specially woven fiberglass fabric coated with PTFE. PTFE is durable and unaffected by UV and the elements. Structures incorporating FIBERLUXE™ Architectural Membranes are strong, beautiful and enduring. They require very little maintenance and will outperform all other glazing systems over their 25+ year life.

The product does not contain banned substances as described in RoHS directive and will not affect RoHS compliance.

TUVNORD
ISO 9001

This product has been manufactured in a facility certified by ISO 9001 Quality Management System.

All technical data are based on average values. These values are not intended for use in preparing specifications. Technical information contained herein are based on test results FIBERFLON believes to be reliable, but they are not to be construed in any manner as warranties expressed.
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