FIBERFLON®

PRODUCT SPECIFICATION

FIBERLUXE™ 4110

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™ 4110 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 / GLASS FABRIC	ARCHITECTURAL MEMBRANES	PTFE FEP top sealing

Properties	Metric		Test method
Standard usable width	3.100	mm	
Weight[1]	1.000	gr/m²	DIN 53352
Thickness	0,56	mm	EN ISO 2286-3
Tensile strength - warp x weft *(min. avg)*	6.000 x 5000	N/5cm	DIN 53354
Tear strength - warp x weft *(min. avg)*	360 x 340	N	DIN 53363
Coating adhesion *(min. avg)*	100	N/5cm	DIN 53357
Light transmission[2] at 550nm	20	%	ASTM E308
Reflectance[2] at 550nm	70	%	ASTM E308
Color	WHITE *(After exposure to sunlight)*		

[1]Coated weight is ±10%
[2]Values 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.

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