SIOEN

T2119E

TENSILE ARCHITECTURE

Type 2 blockout membrane for tensile architecture. External PVDF surface treatment for long-lasting aesthetics. Directly weldable for easy and efficient confectioning. Flame retardant, Anti-bacterial and UV treatment for excellent weathering resistance.

Flame retardant | Anti-bacterial | UV treated | Opaque | Direct weldable | 10 years Warranty

Sioen technical textiles for tensile architecture: Easyfluo

The architectural membrane with the **best cost performance ratio**.
From the smallest structure up the design of your dreams. A material which leans itself to **easy handling,** and of which its transformations are characterized by their durability, lightweight and translucency and this for more than a decade. Easyfluo the most cost efficient material.

SIOEN

Textile Solution Provider - Go to www.sioen.com for more information.
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Basic properties

Total weight *DIN ISO 2286/2 1998*
1050 g/m²

Composition
Polyester + Architectural PVC

Composition

Lacquering

Top: PVDF Fluomax
Bottom: Acrylic
Finishing: Glossy

Fabric

Warp *DIN ISO 2075 • DIN ISO 2060*
Polyester, 1100 dtex

Weft *DIN ISO 2075 • DIN ISO 2060*
Polyester, 1100 dtex

Warranty

10 years

Sample

All our technical characteristics are indicative.

Technical specifications

Light transmission		*OPAQUE*
Breaking strength Warp	4300 N/5cm	*EN ISO 1421/1 2016*
Breaking strength Weft	4200 N/5cm	*EN ISO 1421/1 2016*
Tear strength Warp	600 N	*DIN 53363 2003*
Tear strength Weft	500 N	*DIN 53363 2003*
Adhesion	120 N/5cm	*EN ISO 2411 2017*
Temperature resistance	-30/+70 °C	*DIN EN 1876/2 1998*
Fire behaviour	M2	*NF P 92 507 2004*
	B1	*DIN 4102 : 1998*
	PASS	*BS7837 1996*
	PASS	*CALIFORNIA T19*
	PASS	*GOST*
	PASS	*NFPA 701*
Solar Transmission (Ts)	0 %	*DIN EN 410*
Visible light transmission (Tv)	0 %	*EN 410*
Solar Reflection (Rs)	77 %	*DIN EN 410*
Solar Reflectance Index (SRI)	92	*ASTM E 1980*
Temperature resistance	-30/+70 °C	*EN 1876/1 : 1998*
Flex resistance (x100.000 cycles)	NO CRACKS	*DIN 53359-A*
Fungal resistance	Degree 0, excellent	*ISO 846-A*

Technical drawing

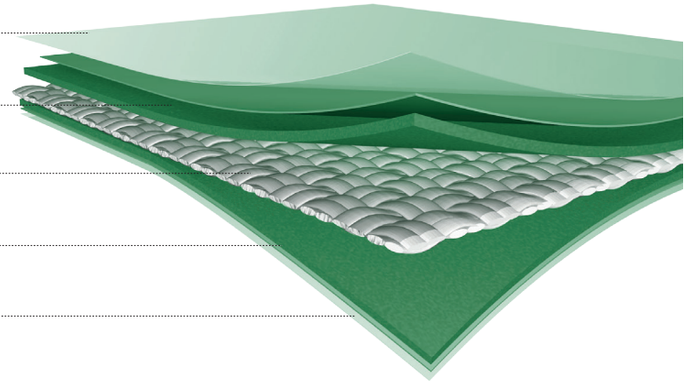
Surface treatment (front)
PVDF direct weldable (2 layers)

Base coating
Architectural PVC coating (2 layers)

Fabric
High tenacity PES block out treated

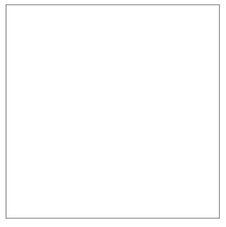
Base coating
Architectural PVC coating (2 layers)

Surface treatment (back)
Acrylic direct weldable (2 layers)

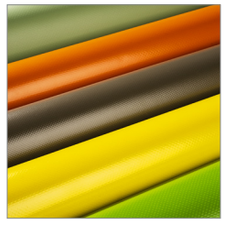


Colour

Other colours and widths on request.



9909 - *White*



On request

300 cm - On request

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https://sio.to/et12g