

# TRASPIR EVO UV 210



## HIGHLY BREATHABLE MONOLITHIC MEMBRANE RESISTANT TO UV RAYS

### MONOLITHIC

The monolithic structure of the membrane guarantees excellent durability over time, thanks to the special polymers used.

### B-s1,d0

Flame retardant certification, Euroclass reaction to fire B-s1,d0 based on EN 13501-1.

### PERMANENT UV STABILITY

Permanent resistance to UV rays with exposure with open joints up to 50 mm wide, and with up to 40% of the surface uncovered.



**MONOLITHIC**

## COMPOSITION

top layer  
monolithic breathable film

reinforcing layer  
PL fabric

## CODES AND DIMENSIONS

CODE	description	tape	H [m]	L [m]	A [m <sup>2</sup> ]	H [ft]	L [ft]	A [ft <sup>2</sup> ]	
TTTUV210	TRASPIR EVO UV 210 TT	TT	1,5	50	75	5	164	807	24



### OPEN JOINTS FAÇADE

Discontinuous coating of ventilated façades can be created, with grouting up to 5 cm wide.

### EASY INSTALLATION

The polyethylene reinforcing layer gives a solid structure to the membrane, avoiding swelling during installation, and making the placing easier.

## TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-2	210 g/m <sup>2</sup>	0.69 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0,3 mm	12 mil
Water vapour transmission (Sd)	EN 1931	0,04 m	-
Water vapour transmission (dry cup)	ASTM E96/ E96M	41.7 US perm 2380 ng/(s·m <sup>2</sup> ·Pa)	-
Maximum tensile force MD/CD	EN 12311-1	300 / 200 N/50mm	34 / 23 lb/in
Elongation MD/CD	EN 12311-1	25 / 25 %	-
Resistance to nail tearing MD/CD	EN 12310-1	120 / 120 N	27 / 27 lbf
Watertightness	EN 1928	class W1	-
Temperature resistance	-	-40 / 120 °C	-4 / 248 °F
Reaction to fire	EN 13501-1	class B-s1,d0	-
Surface combustion characteristic	ASTM E84	class 1 or class A	-
Resistance to penetration of air	EN 12114	< 0,03 m <sup>3</sup> /(m <sup>2</sup> h50Pa)	< 0.002 cfm/ft <sup>2</sup> at 50Pa
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 600 kg/m <sup>3</sup>	approx. 0.35 oz/in <sup>3</sup>
Water vapour resistance factor (μ)	-	approx. 130	approx. 0.2 MNs/g
VOC content	-	0 %	-
UV resistance without final coating <sup>(1)</sup>	EN 13859-1/2	6 months	-
UV stability with joints up to 50 mm wide exposing no more than 40% of the surface <sup>(2)</sup>	EN 13859-1/2	permanent	-
Weathering without final cladding <sup>(1)</sup>	-	12 weeks	-
After ageing:			
- watertightness	EN 1297 / EN 1928	class W1	-
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	290 / 190 N/50mm	33 / 22 lb/in
- elongation	EN 1297 / EN 12311-1	20 / 20 %	-
Flexibility at low temperatures	EN 1109	-40 °C	-40 °F

<sup>(1)</sup> Membrane subjected to artificial ageing test for 5000h (standard 336h). For correlation between laboratory tests and actual conditions, see page 199.

<sup>(2)</sup>The membrane is not suitable for standing water for long periods.

## FIRE PROTECTION



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**FIRE FOAM**  
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**FIRE STRIPE**  
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**FRONT BAND UV 210**  
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### EXCELLENT AESTHETIC PERFORMANCE

Thanks to the mass per unit area and the polyacrylate mix, the product guarantees high thermal and dimensional stability, features that prevent swelling during installation. Finish appearance is guaranteed by the use of FRONT BAND UV 210, made with the same support, to blend in with the membrane.