

TRASPIR EVO 90 3,0m

Highly breathable membrane, class B-s1, d0

Film made of special mix and polyester (PL) reinforcing layer

B-s1, d0

CE
EN13859-1/2

FR
CPT 3651_2
HPV
pare-pluie

TRASPIR EVO 90

IN

BARRIER

OUT



SECURITY

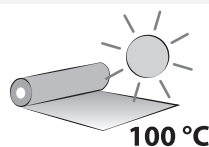
High watertightness and excellent weather resistance thanks to the special extruded mix



B-s1, d0

B-s1, d0

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



100 °C

THERMAL STABILITY

The combination between polyester and the special membrane provide high thermal stability, up to +100 °C

DID YOU KNOW THAT...?

NON-FLAMMABLE

Thanks to the special chemical composition that is flame retardant, it is suitable for use in applications on facades in direct contact with the ventilation chamber, or in cases in which the product is visible in internal environments.

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/ 
TEV090B	D42402	TRASPIR EVO 90 BS1D0	-	1.5 x 50	75	28
TEV09030B	D42407	TRASPIR EVO 90 3.0m BS1D0	-	3.0 x 50	150	15

WHERE CAN IT
BE APPLIED?





Reaction to fire certification ensures efficacy in ventilated facades in direct contact with the air chamber



3.0 metre version ideal for frame walls prefabricated in the plant



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	90 g/m ²
Thickness	EN 1849-2	0.3 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.02 m
Maximum tensile force MD/CD	EN 12311-1	170 / 140 N/50 mm
Elongation MD/CD	EN 12311-1	50 / 40 %
Resistance to tearing MD/CD	EN 12310-1	80 / 90 N
Watertightness	EN 1928	class W1
UV resistance *	EN 13859-1	3 months
Temperature resistance	-	- 40 / +100 °C
Reaction to fire	EN 13501-1	class B-s1,d0
Resistance to penetration of air	EN 12114	< 0.1 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	128 / 105 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	38 / 30 %
Flexibility at low temperature	EN 1109	- 30 °C
Dimensional stability	EN 1107-2	< 1 %
Thermal conductivity (λ)	-	0.3 W/mk
Specific heat	-	1800 J/kgK
Density	-	approx. 300 kg/m ³
Water vapour resistance factor (μ)	-	approx. 67
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



① top layer: non-woven PP fabric

② bottom layer: breathable functional membrane