

TRASPIR ZENIT EVO 180



Monolithic breathable film

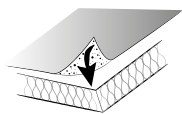
Monolithic thermoplastic polyurethane (PU) film, applied to polyester (PL) reinforcing layer



life long

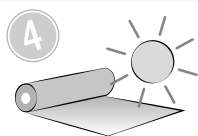
MONOLITHIC

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



ADHERENCE

The bottom support fabric gives the membrane excellent grip on the insulation panels during application



4 MONTH UV STABILITY

4 month resistance to UV rays with full exposure to radiation and no protection

DID YOU KNOW THAT...?

THERMOPLASTIC POLYURETHANE

Thanks to its thermal stability and permeance to water vapour, this material produces a next generation breathable membrane on the cutting edge. Plus, this polymer is more chemically stable when exposed to the aggressive substances used during processing, as well as acid rain.

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
TTTEV0180	D28304	TRASPIR ZENIT EVO 180 TT	TT	1.5 x 50	75	30

WHERE CAN IT
BE APPLIED?





Easy installation even at high pitches, thanks to the adherence provided by the lower support fabric

Perfect installation and sealing thanks to the integrated double tape. Monolithic film ensures excellent durability



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	180 g/m ²
Thickness	EN 1849-2	0.8 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.15 m
Maximum tensile force MD/CD	EN 12311-1	250 / 250 N/50 mm
Elongation MD/CD	EN 12311-1	45 / 60 %
Resistance to tearing MD/CD	EN 12310-1	150 / 150 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 300 cm
UV resistance *	EN 13859-1	4 months
Temperature resistance	-	-40 / +100 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	230 / 230 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	40 / 55 %
Flexibility at low temperature	EN 1109	- 30 °C
Dimensional stability	EN 1107-2	< 1 %
Thermal conductivity (λ)	-	0.2 W/mK
Specific heat	-	1300 J/kgK
Density	-	approx. 225 kg/m ³
Water vapour resistance factor (μ)	-	approx. 180
Recommended installation pitch	-	> 10°
Driving rain test	-	passed
VOC emissions	-	0 % (class A+)
Joint strength	EN 12317-2	> 200 N/50 mm

* for more indications, see page 19

COMPOSITION



① top layer: monolithic PU breathable film

② middle layer: PL fabric