

TRASPIR DOUBLE EVO 340



Monolithic and breathable microporous membrane

Monolithic elastomer film (TPE-E), microporous film and polypropylene (PP) protective layers

AT Önorm B4119 UD Typ II	FR DTU 31.2 pare-pluie E1 Sd1 Tr3	CH SIA 232 UD EB (g)	DE ZVDH USB-A UDB-A	IT UNI 11470 A/R3
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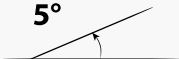


life long

MONOLITHIC

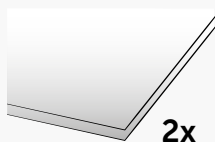
The monolithic structure of the membrane guarantees excellent durability over time, thanks to the special polymers used

min
5°



LOW PITCHES

Thanks to its mass per unit area, the membrane can also be effectively installed on roofs with pitches down to 5°



DOUBLE PROTECTION

Double functional membrane for double watertightness and weather protection

DID YOU KNOW THAT...

HIGH PERFORMANCE

The high mass per unit area and the double functional layer guarantee high protection and abrasion resistance. The monolithic membrane meets the most stringent requirements of the various national regulations, classifying it as a very high performance product.

CODES AND DIMENSIONS

code	description	tape	H x L [m]	A [m ²]	pcs/
TTTEV0340	TRASPIR DOUBLE EVO 340 TT	TT	1,5 x 25	37,5	25

WHERE
CAN IT BE APPLIED?





High mass per unit area guarantees excellent production even during construction



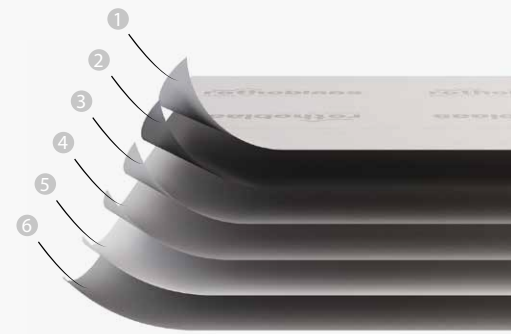
The double protection provided by the two functional films ensures superior watertightness



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	340 g/m ²
Thickness	EN 1849-2	1,2 mm
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0,19 m
Maximum tensile force MD/CD	EN 12311-1	605 / 455 N/50 mm
Elongation MD/CD	EN 12311-1	65 / 80 %
Resistance to nail tearing MD/CD	EN 12310-1	415 / 500 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 6000 cm
UV resistance	EN 13859-1	5 months
Temperature resistance	-	-40 / +80 °C (+ 100°C short time)
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	0 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	550 / 400 N/50 mm
• watertightness at 100°C	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	37 / 51 %
Flexibility at low temperatures	EN 1109	-40 °C
Thermal conductivity (λ)	-	0,04 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 284 kg/m ³
Water vapour resistance factor (μ)	-	approx. 159
VOC emissions	-	0 %
Joint strength	EN 12317-2	> 250 N/50 mm

COMPOSITION



- 1 top layer: non-woven PP fabric
- 2 check film: monolithic TPE-E breathable film
- 3 middle layer: non-woven PP fabric
- 4 middle layer: non-woven PP fabric
- 5 check film: PP breathable film
- 6 bottom layer: non-woven PP fabric