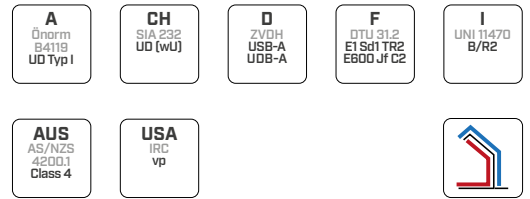


TRASPIR EVO 150

MONOLITHIC BREATHABLE MEMBRANE

CE
EN 13859-1/2



MONOLITHIC

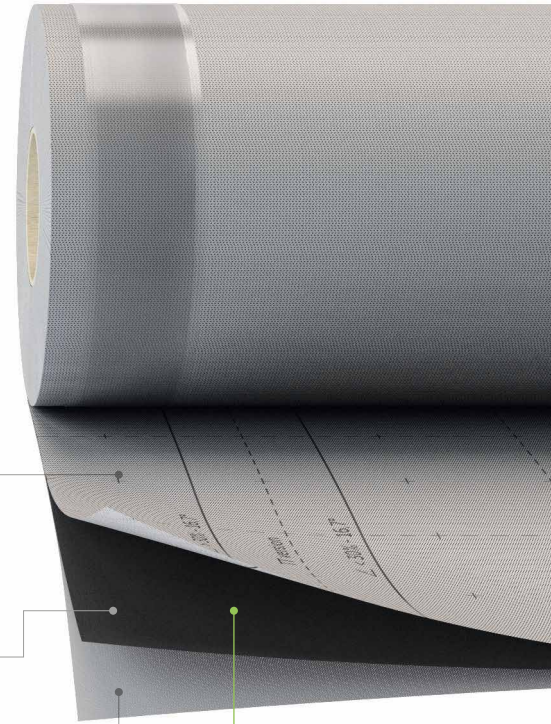
The monolithic structure of the membrane guarantees excellent durability over time, thanks to the special polymers used.

SUPER TAPE

Greater tape width to guarantee excellent resistance to heavy rain.

RELIABLE

It is designed to guarantee wind tightness, also acting as a temporary protective layer during construction work.




COMPOSITION

top layer
non-woven PP fabric

middle layer
breathable monolithic PE film

bottom layer
non-woven PP fabric

CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m ²]	[ft]	[ft]	[ft ²]	
TEVO150	TRASPIR EVO 150	-	1,5	50	75	4.93	165	808	30
TTTEVO150	TRASPIR EVO 150 TT	TT	1,5	50	75	4.93	165	808	30



RELIABILITY

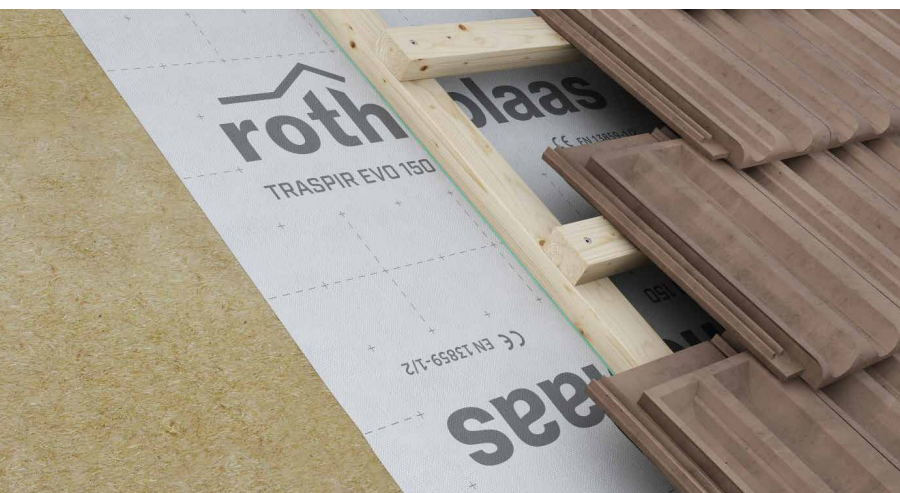
The wider width integrated double tape offers the highest possible protection against heavy rain.

ANTISLIP

The surface layer offers excellent sliding resistance thanks to the polypropylene non-woven fabric.

TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-2	150 g/m ²	0.49 oz/ft ²
Thickness	EN 1849-2	0,5 mm	20 mil
Water vapour transmission (Sd)	EN 1931	0,1 m	35 US perm
Maximum tensile force MD/CD	EN 12311-1	270 / 210 N/50mm	31 / 24 lb/in
Elongation MD/CD	EN 12311-1	50 / 60 %	-
Resistance to nail tearing MD/CD	EN 12310-1	200 / 220 N	45 / 49 lbf
Watertightness	EN 1928	class W1	-
Temperature resistance	-	-40 / 80 °C	-40 / 176 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Thermal conductivity (λ)	-	0,4 W/(m·K)	0.23 (BTU)/(h·ft·°F)
Specific heat	-	1800 J/(kg·K)	-
Density	-	300 kg/m ³	0.17 oz/in ³
Water vapour resistance factor (μ)	-	200	0.5 MNs/g
VOC content	-	0 %	-
UV stability	EN 13859-2	4 months	-
Exposure to weather	-	4 weeks	-
Water column	ISO 811	> 500 cm	197 in
After ageing:			
- watertightness	EN 1297 / EN 1928	-	-
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	250 / 185 N/50mm	29 / 21 lb/in
- elongation	EN 1297 / EN 12311-1	50 / 50 %	-
Flexibility at low temperatures	EN 1109	-40 °C	-40 °F
Driving rain test	TU Berlin	passed	-



MONOLITHIC FILM

The monolithic functional membrane guarantees breathability, thanks to a chemical reaction, rather than a micro perforation process as seen in microporous products. Therefore the continuous and homogeneous layer offers a complete barrier against the passage of water.