

# TRASPIR HOUSE 150



## HIGHLY BREATHABLE MEMBRANE

- It is designed for application on the outer and inner side of walls and roofs
- Certified by the French body CSTB, which attests to the membrane's mechanical performance, classifying it as class E1 Sd1 TR2
- Highly breathable membrane for roofs with an excellent cost-performance ratio

<b>A</b> Onorm B4119 UD Typ I	<b>CH</b> SIA 232 UD (wU)	<b>D</b> ZVDH USB-A UDB-A	<b>F</b> DTU 31.2 E1 Sd1 TR2 E600 JFC1	<b>I</b> UNI 11470 B/RZ
<b>AUS</b> AS/NZS 4200.1 Class 4			<b>USA</b> IRC vp	



CODE	tape	H		L		A		
		[m]	[ft]	[m]	[ft]	[m <sup>2</sup> ]	[ft <sup>2</sup> ]	
TRASPH150	-	1,5	5	50	164	75	807	25
TRASPHTT150	TT	1,5	5	50	164	75	807	25



## COMPOSITION

- ① top layer: non-woven PP fabric
- ② middle layer: PP breathable film
- ③ bottom layer: non-woven PP fabric

## TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	150 g/m <sup>2</sup>
thickness	EN 1849-2	0,7 mm
water vapour transmission (Sd)	EN 1931	0,02 m
tensile strength MD/CD	EN 12311-1	350/210 N/50 mm
elongation MD/CD	EN 12311-1	100/125 %
resistance to nail tearing MD/CD	EN 12310-1	190/225 N
watertightness	EN 1928	class W1
after ageing:		
- watertightness	EN 1297/EN 1928	class W1
- tensile strength MD/CD	EN 1297/EN 12311-1	310/180 N/50 mm
- elongation	EN 1297/EN 12311-1	45/60 %
reaction to fire	EN 13501-1	class E
resistance to penetration of air	EN 12214	< 0,05 m <sup>3</sup> /(m <sup>2</sup> h50Pa)
flexibility at low temperatures	EN 1109	-40 °C
resistance to temperature		-40/80 °C
UV stability <sup>(1)</sup>	EN 13859-1/2	336h (3 months)
thermal conductivity (λ)	-	0,3 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 215 kg/m <sup>3</sup>
water vapour resistance factor (μ)	-	approx. 40
VOC	-	not relevant
water column	ISO 811	> 250 cm

<sup>(1)</sup>Laboratory ageing test data cannot reproduce unforeseeable causes of the product's degradation, or consider the stresses to which it will be subjected during its service life. To ensure its integrity, as a precautionary measure, exposure to weathering during construction should be limited to a maximum of 2 weeks.

Waste classification (2014/955/EU): 17 02 03.

USA and CA Properties	standard	value
water vapour transmission (dry cup)	ASTM E96/E96M	125 US Perm
		7115 ng/(s·m <sup>2</sup> ·Pa)
surface burning characteristics	ASTM E84	class 1 or class A
flame spread index (FSI)	ASTM E84	0
smoke developed Index (SDI)	ASTM E84	87

SCREWS AND FASTENERS FOR DECKS  
SCREWS FOR METAL  
PLATES AND ANGLE BRACKETS  
POST BASES AND FENCES  
ANCHORS AND CHEMICAL ANCHORS  
METRIC  
MEMBRANES  
SEALANTS, TAPES AND PROFILES  
WINDOW SEALING  
SOUNDPROOFING  
ROOF ELEMENTS  
TOOLS