

TRASPIR HOUSE 170



HIGHLY BREATHABLE MEMBRANE

- It optimizes the wind tightness, protecting from the entry of hot air in summer and cold air in winter
- The high breathability of this membrane promotes the drying of any infiltrations, protecting the structure
- Highly breathable membrane for roofs with an excellent cost-performance ratio

A Onorm B4119 UD Typ I	CH SIA 232 UD (g)	D ZVDH USB-A UDB-A	F DTU 31.2 E1 Sd1 TR2	I UNI 11470 B/R2
AUS AS/NZS 4200.1 Class 4				USA IRC vp

 Data sheet
available online



CODE	tape	H [m]	L [m]	A [m²]	
TRASPH170	-	1,5	50	75	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	170 g/m²
thickness	EN 1849-2	0,6 mm
water vapour transmission (Sd)	EN 1931	0,02 m
tensile strength MD/CD	EN 12311-1	330 / 230 N/50mm
elongation MD/CD	EN 12311-1	55 / 80 %
resistance to nail tearing MD/CD	EN 12310-1	190 / 230 N
watertightness	EN 1928	class W1
after ageing:		
- watertightness	EN 1297 / EN 1928	class W1
- tensile strength MD/CD	EN 1297 / EN 12311-1	290 / 200 N/50mm
- elongation	EN 1297 / EN 12311-1	45 / 65 %
reaction to fire	EN 13501-1	class E
resistance to penetration of air	EN 12114	< 0,02 m³/(m²h50Pa)
resistance to temperature	-	-20 / +80 °C
UV stability ⁽¹⁾	EN 13859-1/2	336h (3 months)
thermal conductivity (λ)	-	0,3 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 280 kg/m³
water vapour resistance factor (μ)	-	approx. 334
VOC	-	not relevant
water column	ISO 811	> 250 cm
flexibility at low temperatures	EN 1109	-20 °C

⁽¹⁾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 3 weeks.

