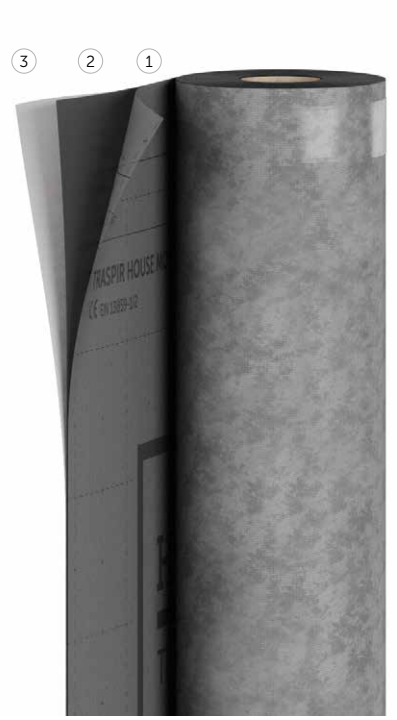
TRASPIR HOUSE MONO 145

CE
EN 13859-1

HIGHLY BREATHABLE MONOLITHIC MEMBRANE

AT Önorm B3667 UD Typ I | CH SIA 232 UD(wU) | D ZVDH USB-A UDB-A | F DTU 31.2 E1 Sd1 TR1 E600 Jf C2 | I UNI 11470 B/R1 | AUS AS/NZS 4200.1 Class 3 | USA IRC vp

- The monolithic structure guarantees long-lasting waterproofing thanks to the special polymers used
- Also ideal for installation on façades with metal cladding, as it is resistant to high temperatures
- It ensures an excellent cost-performance ratio thanks to its low mass per unit area and monolithic functional film



IN/OUT

CODE	tape	H [m]	L [m]	A [m²]	pcs
TRASPHMTT145	TT	1,5	50	75	30

COMPOSITION

(1) **top layer**: non-woven PP fabric
(2) **middle layer**: breathable monolithic film
(3) **bottom layer**: non-woven PP fabric

TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	145 g/m²
thickness	EN 1849-2	0,5 mm
water vapour transmission (Sd)	EN 1931	0,2 m
MD/CD tensile strength	EN 12311-1	280 / 230 N/50mm
MD/CD elongation	EN 12311-1	50 / 60 %
resistance to nail tearing MD/CD	EN 12310-1	180 / 200 N
watertightness	EN 1928	class W1
resistance to high temperatures	-	-40 / +100 °C
reaction to fire	EN 13501-1	class E
resistance to penetration of air	EN 12114	< 0,02 m³/(m²h50Pa)
thermal conductivity (λ)	-	0,4 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 300 kg/m³
water vapour resistance factor (μ)	-	approx. 400
VOC content	-	0 %
UV stability	EN 13859-1/2	5 months
exposure to weather	-	5 weeks
after artificial ageing:		
- watertightness	EN 1297 / EN 1928	class W1
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	250 / 180 N/50mm
- elongation	EN 1297 / EN 12311-1	35 / 45 %
flexibility at low temperatures	EN 1109	-30 °C