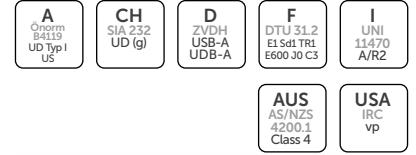


TRASPIR HOUSE MONO 300



HIGHLY BREATHABLE MONOLITHIC MEMBRANE



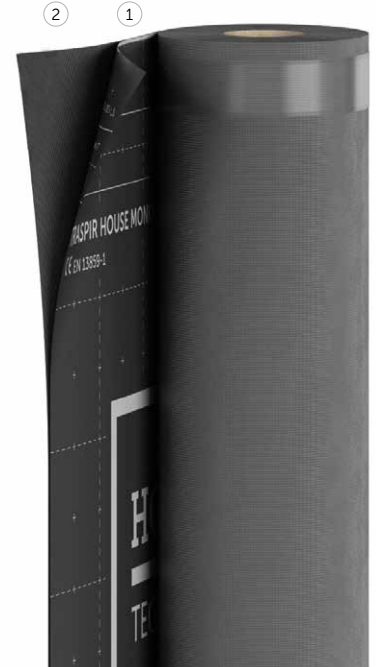
- Exceptional temperature resistance of up to 120°C and UV stability of up to 5000 hours (standard test: 336 hours)
- The special acrylic compound coupled with the polyester fabric makes it self-extinguishing with fire reaction class B-s1,d0
- It is one of the products for which the voluntary EPD and LCA environmental declarations have been developed



CODE	tape	H [m]	L [m]	A [m ²]	pcs
TRASPHMTT300	TT	1,5	50	75	24

COMPOSITION

- ① top layer: monolithic acrylate breathable film
- ② middle layer: PL fabric



TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	300 g/m ²
thickness	EN 1849-2	0,5 mm
water vapour transmission (Sd)	EN 1931	0,04 m
MD/CD tensile strength	EN 12311-1	380 / 250 N/50mm
MD/CD elongation	EN 12311-1	25 / 25 %
resistance to nail tearing MD/CD	EN 12310-1	160 / 190 N
watertightness	EN 1928	class W1
thermal resistance	-	-40 / 120 °C
reaction to fire	EN 13501-1	class B-s1,d0
resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² h50Pa)
thermal conductivity (λ)	-	0,3 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 600 kg/m ³
water vapour resistance factor (μ)	-	approx. 80
joint strength	EN 12317-2	> 280 N/50mm
VOC content	-	0 %
UV resistance without final coating ⁽¹⁾	EN 13859-1/2	9 months
UV stability with joints up to 50 mm wide exposing no more than 40% of the surface ⁽²⁾	EN 13859-1/2	permanent
weathering without final cladding ⁽¹⁾	-	16 weeks
water column	ISO 811	> 500 cm
after artificial ageing:		
- watertightness	EN 1297 / EN 1928	class W1
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	370 / 240 N/50mm
- elongation	EN 1297 / EN 12311-1	23 / 23 %
flexibility at low temperatures	EN 1109	-40 °C
driving rain test	TU Berlin	passed

⁽¹⁾ Membrane subjected to artificial ageing test for 5000h (standard 336h).

⁽²⁾The membrane is not suitable for standing water for long periods.