

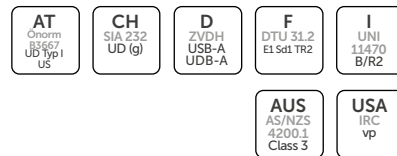
TRASPIR HOUSE MONO 190



EN 13859-1

HIGHLY BREATHABLE MONOLITHIC MEMBRANE

- The monolithic film guarantees breathability through a chemical reaction
- The continuous and homogeneous layer offers a complete barrier against the passage of water
- The mass per unit area of the membrane ensures mechanical strength and protection during construction



CODE	tape	H [m]	L [m]	A [m ²]	pcs
TRASPHMTT190	TT	1,5	50	75	20

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	190 g/m ²
thickness	EN 1849-2	0,6 mm
water vapour transmission (Sd)	EN 1931	0,2 m
MD/CD tensile strength	EN 12311-1	310 / 280 N/50mm
MD/CD elongation	EN 12311-1	50 / 60 %
resistance to nail tearing MD/CD	EN 12310-1	220 / 230 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 m ³ /(m ² h50Pa)
thermal conductivity (λ)	-	0,4 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 317 kg/m ³
water vapour resistance factor (μ)	-	approx. 334
VOC content	-	0 %
UV stability	EN 13859-1/2	6 months
exposure to weather	-	6 weeks
after artificial ageing:		
- watertightness	EN 1297 / EN 1928	class W1
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	270 / 240 N/50mm
- elongation	EN 1297 / EN 12311-1	35 / 45 %
flexibility at low temperatures	EN 1109	-30 °C