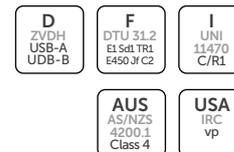


TRASPIR HOUSE MONO 135



HIGHLY BREATHABLE MONOLITHIC MEMBRANE



- The monolithic structure of the membrane and the special polymers used ensure excellent long-term durability
- High protection against heavy rain during temporary exposure to the elements on site. The monolithic functional film and reduced mass per unit area makes it possible to obtain an excellent, cost-effective product
- Quick installation and perfect sealing, thanks to the integrated double tape



CODE	tape	H		L		A		
		[m]	[ft]	[m]	[ft]	[m ²]	[ft ²]	
TRASPHMTT135	TT	1,5	5	50	164	75	807	30

COMPOSITION

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

TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	135 g/m ²
thickness	EN 1849-2	0,45 mm
water vapour transmission (Sd)	EN 1931	0,1 m
tensile strength MD/CD	EN 12311-1	200/160 N/50 mm
elongation MD/CD	EN 12311-1	90/90 %
resistance to nail tearing MD/CD	EN 12310-1	160/190 N
watertightness	EN 1928	W1
after ageing:		
- watertightness at 100°C	EN 1297/EN 1928	W1
- tensile strength MD/CD	EN 1297/EN 12311-1	160/130 N/50 mm
- elongation	EN 1297/EN 12311-1	60/60 %
reaction to fire	EN 13501-1	E
resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² h50Pa)
flexibility at low temperatures	EN 1109	-40 °C
resistance to temperature	-	-40/100 °C
UV stability ⁽¹⁾	EN 13859-1/2	1000h (8 months)
thermal conductivity (λ)	-	0,3 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 300 kg/m ³
water vapour resistance factor (μ)	-	approx. 220
VOC	-	not relevant

⁽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 8 weeks. According to DTU 31.2 P1-2 (France) 1000h of UV ageing equates to a maximum exposure period of 3 months during the construction phase.

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