

# VAPOR HOUSE NET 110



## VAPOUR CONTROL MEMBRANE WITH REINFORCEMENT GRID



- It is a lightweight vapour control membrane with high mechanical performance thanks to the reinforcement grid
- It can also be used on the top of beam as UV stability during construction is ensured
- It prevents the uncontrolled passage of warm, moist air through the stratigraphy, thus avoiding the risk of interstitial condensation

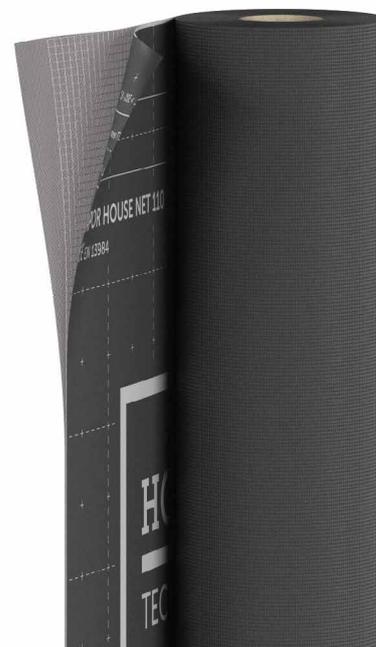


REINFORCED

CODE	tape	H		L		A		
		[m]	[ft]	[m]	[ft]	[m <sup>2</sup> ]	[ft <sup>2</sup> ]	
VAPH110	-	1,5	5	50	164	75	807	36

## COMPOSITION

- ① top layer: vapour control PE film
- ② reinforcing layer: reinforcing PE grid
- ③ bottom layer: non-woven PP fabric



## TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	110 g/m <sup>2</sup>
thickness	EN 1849-2	0,3 mm
water vapour transmission (Sd)	EN 1931	5 m
tensile strength MD/CD	EN 12311-2	> 200/250 N/50 mm
elongation MD/CD	EN 12311-2	> 25/25 %
resistance to nail tearing MD/CD	EN 12310-1	> 170/170 N
watertightness	EN 1928	compliant
water vapour resistance:		
- after artificial ageing	EN 1296/EN 1931	compliant
- in the presence of alkalis	EN 1847/EN 12311-2	npd
reaction to fire	EN 13501-1	class E
resistance to penetration of air	EN 12114	< 0,02 m <sup>3</sup> /(m <sup>2</sup> h50Pa)
resistance to temperature		-40/80 °C
UV stability <sup>(1)</sup>	EN 13859-1/2	336 h (3 months)
thermal conductivity (λ)	-	0,3 W/(m·K)
specific heat	-	1800 J/(kg·K)
density	-	approx. 370 kg/m <sup>3</sup>
water vapour resistance factor (μ)	-	approx. 16700
VOC	-	not relevant
water column	ISO 811	> 250 cm

<sup>(1)</sup>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 2 weeks.

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