# VAPOR HOUSE 140

IN/OUT

CE EN 13984

## VAPOUR CONTROL MEMBRANE

A Önorm B3667 DB | CH SIA 232 Vvu. Vvo.>90mm | D ZVDH Db | F DTU 31.2 Bs dve E1 Sd3 TR1 | I UNI 11470 C/R1 | AUS AS/NZS 4200.1 Class 2 | USA IRC Class2

- Designed for application on the inside and outside of roofs and walls
- It regulates the passage of moisture preventing the formation of interstitial condensation within the insulation
- UV resistant, it can be used directly on top of the wooden plank


VALUE AND PERFORMANCE

| CODE | tape | H | | L | | A | | |
|---|---|---|---|---|---|---|---|---|
| | | [m] | *[ft]* | [m] | *[ft]* | [m²] | *[ft²]* | |
| **VAPH140** | - | 1,5 | *5* | 50 | *164* | 75 | *807* | 30 |

## COMPOSITION

1. **top layer:** non-woven PP fabric
2. **middle layer:** vapour control PP film
3. **bottom layer:** non-woven PP fabric

## TECHNICAL DATA

| properties | standard | value |
|---|---|---|
| mass per unit area | EN 1849-2 | 140 g/m² |
| thickness | EN 1849-2 | 0,45 mm |
| water vapour transmission (Sd) | EN 1931 | 10 m |
| tensile strength MD/CD | EN 12311-2 | > 230/180 N/50 mm |
| elongation MD/CD | EN 12311-2 | > 35/40 % |
| resistance to nail tearing MD/CD | EN 12310-1 | > 125/145 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 m³/(m²h50Pa) |
| resistance to temperature | - | -20/80 °C |
| UV stability[1] | EN 13859-1/2 | 336h (3 months) |
| thermal conductivity (λ) | - | 0,3 W/(m·K) |
| specific heat | - | 1800 J/(kg·K) |
| density | - | approx. 310 kg/m³ |
| water vapour resistance factor (μ) | - | approx. 22000 |
| VOC | - | not relevant |
| water column | ISO 811 | > 250 cm |

[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 3 weeks.

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