

VAPOR NET 180



VAPOUR CONTROL MEMBRANE WITH REINFORCEMENT GRID

COMPOSITION

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



AUS AS/NZS 4200.1 Class 2	USA IRC Class 2	A Dnorm B3667 DB	CH SIA 232 Vvul. Wup>50mm	D ZVDH Db	F DTU 31.2 Bis dte E1S121R3	I UNI T1470 B/R3
---	------------------------------	----------------------------------	---	------------------------	---	-------------------------------



TECHNICAL DATA

Properties	standard	value	USC units
Mass per unit area	EN 1849-2	180 g/m ²	0.59 oz/ft ²
Thickness	EN 1849-2	0,6 mm	24 mil
Water vapour transmission (Sd) ⁽¹⁾	EN 1931	10 m	0.35 US Perm
Maximum tensile force MD/CD ⁽¹⁾	EN 12311-2	320/300 N/50 mm	37/34 lbf/inch
Elongation MD/CD ⁽¹⁾	EN 12311-2	10/10 %	-
Resistance to nail tearing MD/CD ⁽¹⁾	EN 12310-1	250/290 N	56/65 lbf
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 ³ /(m ² h50Pa)	< 0.001 cfm/ft ² at 50Pa
Resistance to temperature	-	-40/80 °C	-40/176 F °
UV stability ⁽²⁾	EN 13859-1/2	336h (3 months)	-
Thermal conductivity (λ)	-	0,4 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1700 J/(kg·K)	-
Density	-	approx. 300 kg/m ³	approx. 19 lbm/ft ³
Water vapour resistance factor (μ)	-	approx. 16700	approx. 50 MNs/g
VOC	-	not relevant	-

⁽¹⁾ Average values obtained from laboratory tests. Consult the Declaration of Performance for the minimum values.

⁽²⁾ 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

CODES AND DIMENSIONS

CODE	description	tape	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
V180	VAPOR NET 180	-	1,5	50	75	5	164	807	25
VTT180	VAPOR NET 180 TT	TT	1,5	50	75	5	164	807	25