

VAPOR IN NET 140

VAPOUR CONTROL MEMBRANE WITH REINFORCEMENT GRID



COMPOSITION

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

AUS AS/NZS 4200.1 Class 2	USA IRC Class 2	A Enorm B3667 DB	CH SIA 232 Vvuu	D ZVDH Oh	F DTU 31.2 pare-vapeur	I UNI 11470 C/R2
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TECHNICAL DATA

Properties	standard	value	USC units
Mass per unit area	EN 1849-2	140 g/m ²	0.46 oz/ft ²
Thickness	EN 1849-2	0.4 mm	6 mil
Water vapour transmission (Sd) ⁽¹⁾	EN 1931/EN ISO 12572	30 m	0.14 US Perm
Maximum tensile force MD/CD ⁽¹⁾	EN 12311-2	390/360 N/50 mm	45/41 lbf/in
Elongation MD/CD ⁽¹⁾	EN 12311-2	18/16 %	-
Resistance to nail tearing MD/CD ⁽¹⁾	EN 12310-1	280/260 N	63/58 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 temperature	-	-20/80 °C	-4/176 °F
Resistance to penetration of air	EN 12114	<0,02 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Indirect exposure to UV rays	-	2 weeks	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 350 kg/m ³	approx. 22 lbm/ft ³
Water vapour resistance factor (μ)	-	approx. 75000	approx. 150 MNs/g
VOC	-	not relevant	-

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

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]	
VV140	VAPOR IN NET 140	-	1,5	50	75	5	164	807	30