VAPOR IN NET 140

VAPOUR CONTROL MEMBRANE WITH REINFORCEMENT GRID

LCA EPD VERIFIED EN 13984

COMPOSITION

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

AUS	USA	A	CH	D	F	I
AS/NZS 4200.1 Class 2	IRC Class 2	Önorm B3667 DB	SIA 232 V.v.u.	ZVDH Dh	DTU 31.2 pare-vapeur	UNI 11470 C/R2

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