

VAPOR IN 120

VAPOUR CONTROL MEMBRANE



COMPOSITION

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



TECHNICAL DATA

Properties	standard	value	USC units
Mass per unit area	EN 1849-2	120 g/m ²	0.39 oz/ft ²
Thickness	EN 1849-2	0.4 mm	16 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	220/180 N/50 mm	25/21 lbf/in
Elongation MD/CD ⁽¹⁾	EN 12311-2	47/68 %	-
Resistance to nail tearing MD/CD ⁽¹⁾	EN 12310-1	160/205 N	36/46 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 cfm/ft ² at 50Pa
Resistance to temperature	-	-20/80 °C	-4/176 °F
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. 300 kg/m ³	approx. 19 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]	
VV120	VAPOR IN 120	-	1,5	50	75	5	164	807	36
VV12030	VAPOR IN 120 3,0 m	-	3	50	150	10	164	1615	30