

VAPOR IN 120

VAPOUR CONTROL MEMBRANE



LCA



EPD



EN 13984



COMPOSITION

top layer
vapour control PP film

bottom layer
non-woven PP fabric



TECHNICAL DATA

Properties	standard	value	value
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)	EN 1931	30 m	0.14 US perm
Maximum tensile force MD/CD ⁽¹⁾	EN 12311-2	220 / 180 N/50mm	25 / 21 lb/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	conforming	-
Indirect exposure to UV rays	-	2 weeks	-
Temperature resistance	-	-20 / 80 °C	-4 / 176 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Water vapour resistance:			
- after artificial ageing	EN 1296 / EN 1931	conforming	-
- in the presence of alkalis	EN 1847 / EN 12311-2	npd	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 290 kg/m ³	approx. 0.17 oz/in ³
Water vapour resistance factor (μ)	-	approx. 75000	approx. 150 MNs/g
VOC content	-	0 %	-

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

CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m ²]	[ft]	[ft]	[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