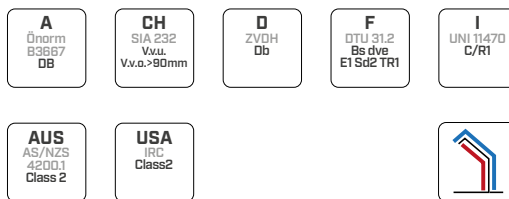


VAPOR 140

VAPOUR CONTROL MEMBRANE



COMPOSITION

- top layer
non-woven PP fabric
- middle layer
vapour control PP film
- bottom layer
non-woven PP fabric

TECHNICAL DATA

Properties	standard	value	value
Mass per unit area	EN 1849-2	140 g/m ²	0.46 oz/ft ²
Thickness	EN 1849-2	0,45 mm	18 mil
Water vapour transmission (Sd)	EN 1931	10 m	0.35 US perm
Maximum tensile force MD/CD	EN 12311-2	> 230 / 180 N/50mm	26 / 21 lb/in
Elongation MD/CD	EN 12311-2	> 35 / 40 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 125 / 145 N	28 / 33 lbf
Watertightness	EN 1928	conforming	-
Temperature resistance	-	-20 / 80 °C	-4 / 176 °F
Reaction to fire	EN 13501-1	class F	-
Resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² h50Pa)	< 0.001 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. 300 kg/m ³	approx. 0.17 oz/in ³
Water vapour resistance factor (μ)	-	approx. 25000	approx. 50 MNs/g
VOC content	-	0 %	-
UV stability ⁽¹⁾	EN 13859-1/2	3 months	-
Exposure to weather ⁽¹⁾	-	3 weeks	-
Water column	ISO 811	> 250 cm	> 98 in

⁽¹⁾ For the correlation between laboratory tests and actual conditions, see page 199.

CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m ²]	[ft]	[ft]	[ft ²]	
V140	VAPOR 140	-	1,5	50	75	5	164	807	 30