

VAPOR IN GREEN 200

VAPOUR CONTROL MEMBRANE BASED ON NATURAL CELLULOSE



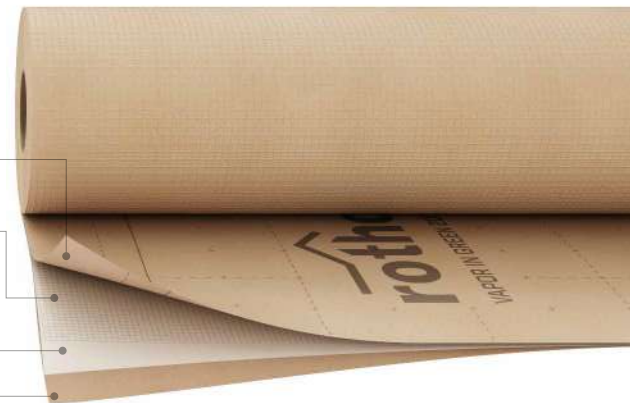
COMPOSITION

top layer
kraft paper

reinforcing layer
reinforcing grid

middle layer
functional film

bottom layer
kraft paper



TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-2	200 g/m ²	0.66 oz/ft ²
Thickness	EN 1849-2	0,35 mm	14 mil
Water vapour transmission (Sd)	EN 1931	7 m	0.5 US perm
Maximum tensile force MD/CD	EN 12311-2	> 250 / 170 N/50mm	> 29 / 19 lb/in
Elongation MD/CD	EN 12311-2	5 / 5 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 100 / 130 N	> 22 / 29 lbf
Watertightness	EN 1928	conforming	-
Temperature resistance	-	-40 / 80 °C	-40 / 176 °F
Reaction to fire	EN 13501-1	class E	-
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	-
Indirect exposure to UV rays	-	2 weeks	-
Thermal conductivity (λ)	-	0,13 W/(m·K)	0.08 BTU/h·ft·°F
Specific heat	-	1000 J/(kg·K)	-
Density	-	approx. 570 kg/m ³	approx. 0.33 oz/in ³
Water vapour resistance factor (μ)	-	approx. 20000	approx. 35 MNs/g
VOC content	-	0 %	-

CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m ²]	[ft]	[ft]	[ft ²]	
VVG200	VAPOR IN GREEN 200	-	1,5	50	75	5	164	807	30