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Technical data sheet

Membrana mdm® Ventia Wind Barrier

Characteristic	Test method	Unit	Result	Tolerance	
				Min.	Max.
Length	EN 1848 -2	m	50	0	+0,5
Width	EN 1848 -2	m	1,5	-0,005	+0,005
Straightness	EN 1848 -2	-	Pass	-	-
Mass per unit area	EN 1848 -2	g/m²	85	-10	+10
Thickness	EN 1848 -2	mm	0,45	-0,1	+0,1
Reaction to fire	EN 11925-2	class	E	-	-
Resistance to water penetration	EN 1928 A	class	W2	-	-
Water vapour transmission Properties	EN ISO 12572 C	m	0,005	-0,002	+0,07
Resistance to penetration of air	EN 12114	m³/(m² x h x 50 Pa)	Max 0,05	-	-
Tensile properties: Maximum tensile force	EN 12311-1	N/50mm	MD 210	-60	+60
			CD 135	-40	+40
Tensile properties: elongation	EN 12311-1	%	MD 105	-65	+65
			CD 115	-70	+70
Resistance to tearing (nail shank)	EN 12310-1	N	MD 145	-45	+45
			CD 195	-50	+50
Dimensional Stability	EN 1107-2	%	1	-	-
Stability at low temperature	EN 1109	°C	-30	-	-
Artificial ageing by long term exposure to the combination Of UV radiation and elevated Temperature and heat (80°C)	Elongation EN 13859-1 annex C	%	MD 55	-30	+30
			CD 60	-30	+30
	Tensile strength EN 13859-1 annex C	N/50mm	MD 180	-70	+70
			CD 90	-20	+50
	Resistance to water penetration EN 13859-1 annex C	class	W2	-	-
Water vapour transmission 23°C/85%RH	Lyssy	g/m² x 24h	2100	-250	+250
Water vapour transmission 38°C/90%RH	Lyssy	g/m² x 24h	4500	-400	+400

The above product technical data sheet is valid from 01.01.2019

Bielsko-Biała, 8.06.2018
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