

Technical data sheet

Membrana mdm[®] Ventia Magnum 306

Characteristic	Test method	Unit	Rezultat	Tolerance	
				Min.	Max.
Length	EN 1848-2	m	50	-0	+0,5
Width	EN 1848-2	m	1,50	-0,005	+0,005
Straightness	EN 1848-2	-	Pass	-	-
Mass per unit area	EN 1849-2	g/m ²	140	-10%	+10%
Thickness	EN 1849-2	mm	0,7	-0,10	+0,10
Reaction to fire	EN 11925-2	class	E	-	-
Resistance to water penetration	EN 1928 method A	class	W1	-	-
Water vapour resistance, Sd	EN ISO 12572 set C	m	0,080	-0,050	+0,060
Resistance to penetration of air	EN 12114	m ³ /(m ² x h x 50 Pa)	Max 0,050	-	-
Tensile properties: Maximum tensile force	EN 12311-1	N/50 mm	MD450	-100	+100
			CD350	-50	+70
Tensile properties: elongation	EN 12311-1	%	MD15	-5	+5
			CD15	-5	+5
Resistance to tearing (nail shank)	EN 12310-1	N	MD280	-50	+100
			CD280	-50	+100
Dimensional stability	EN 1107-2	%	2	-	-
Stability at low temperature	EN 1109	°C	-40	-	-
Short temperature resistance		°C	to +120	-	-
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat (80°C)	Elongation EN 13859-1 zał. C	%	MD15	-8	+8
			CD15	-8	+8
	Tensile strength EN 13859-1 zał. C	N/50 mm	MD360	-70	+150
			CD280	-70	+100
	Resistance to water penetration EN 13859-1 zał. C	class	W1	-	-

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