

**Technical data sheet**
**Membrana mdm<sup>®</sup> Ventia Neo 200**

Characteristics	Test method	Unit	Results	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 <sup>2</sup>	200	-10%	+10%
Thickness	EN 1849-2	mm	0,9	-0,10	+0,10
Reaction to fire classification	EN 13501-1+A1:2010	class	B-s1,d0*	-	-
Resistance to water penetration	EN 1928 method A	class	W1	-	-
Water vapour transmission properties	EN ISO 12572 set C	m	0,120	-0,050	+0,060
Resistance to penetration of air	EN 12114	m <sup>3</sup> /(m <sup>2</sup> x h x 50 Pa)	Max 0,050	-	-
Tensile properties: Maximum tensile force	EN 12311-1	N/50 mm	MD 520	-70	+70
			CD 440	-70	+70
Tensile properties: elongation	EN 12311-1	%	MD 55	-20	+20
			CD 70	-20	+20
Resistance to tearing (nail shank)	EN 12310-1	N	MD 320	-50	+50
			CD 370	-50	+50
Dimensional stability	EN 1107-2	%	2	-	-
Stability at low temperature	EN 1109	°C	-40	-	-
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	%	MD 40	-15	+20
			CD 60	-20	+20
	Tensile strength EN 13859-1 zał. C	N/50 mm	MD 370	-50	+50
			CD 360	-50	+50
Resistance to water penetration EN 13859-1 zał. C	class	W1	-	-	
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat (120°C)	Elongation EN 13859-1 zał. C	%	MD 40	-15	+20
			CD 60	-20	+20
	Tensile strength EN 13859-1 zał. C	N/50 mm	MD 370	-50	+50
			CD 360	-50	+50
Resistance to water penetration EN 13859-1 zał. C	class	W1	-	-	
Water vapour transmission (23°C/85%RH)	Lyssy	g/m <sup>2</sup> x 24h	500	-200	+200
Water vapour transmission (38°C/90%RH)	Lyssy	g/m <sup>2</sup> x 24h	900	-300	+300

\* when fitted directly to parts with A1 or A2 reaction to fire class or at any distance therefrom/ D-s2,d0 when fitted directly to wood and wood-based materials or at any distance therefrom

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