

TECHNICAL DATA SHEET
mdm[®] Ventia Iron - Roof & Wall Underlay

Characteristic	Test method	Unit	Result	Tolerance	
				Min.	Max.
Length	EN 1848-2	m	50 / 36,5	0	+0,5
Width	EN 1848-2	m	1,5 / 2,74	-0,005	+0,005
Straightness	EN 1848-2	-	Pass	-	-
Mass per unit area	EN 1848-2	g/m ²	120	-10	+10
Thickness	EN 1848-2	mm	0,5	-0,15	+0,15
Flammability Index	AS 1530.2-1993	-	< 5	-	-
Absorbency	AS/NZS 4201.6	g/m ²	200	-	-
Resistance to water penetration	EN 1928 A	class	W1	-	-
Water vapour transmission properties	EN ISO 12572 C	m	0,020	-0,005	+0,02
Resistance to penetration of air	EN 12114	m ³ /(m ² x h x 50 Pa)	Max 0,05	-	-
Tensile properties: Maximum tensile force	EN 12311-1	N/50mm	MD 250	-50	+50
			CD 160	-50	+50
Tensile properties: elongation	EN 12311-1	%	MD 70	-45	+45
			CD 90	-60	+60
Resistance to tearing (nail shank)	EN 12310-1	N	MD 120	-35	+35
			CD 160	-55	+55
Dimensional Stability	EN 1107-2	%	1,5	-	-
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 annex C	%	MD 40	-20	+20
			CD 50	-30	+30
	Tensile strength EN 13859-1 annex C	N/50mm	MD 220	-50	+50
			CD 110	-30	+30
	Resistance to water penetration EN 13859-1 annex C	class	W1	-	-
Water vapour transmission 23°C/85%RH	Lyssy	g/m ² x 24h	1400	-200	+200
Water vapour transmission 38°C/90%RH	Lyssy	g/m ² x 24h	3200	-400	+400

mdm®

Ventia Iron Roof & Wall Underlay

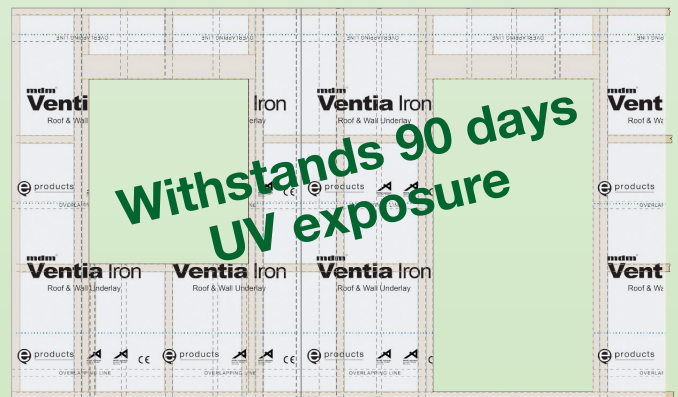
Next-generation Ventia Iron Roof & Wall Underlay meets and exceeds the requirements of the New Zealand Building Code.



All Wind Zones:

Low (115.2 kph); Medium (133.2 kph); High (158.4 kph); Very High (180 kph); and Extra High (198 kph - when used as an overlay for rigid wall underlays)

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