

**Technical data sheet**
**Vapour control layer mdm<sup>®</sup> Verso VCL**
**50**

Characteristic	Test method	Unit	Value	Tolerance	
				Min.	Max.
Resistance to water penetration	EN 1928 Method A	-	requirements met	-	-
Tensile properties: maximum tensile force	EN 12311-2	N/50 mm	MD ≥ 100	-	-
			CD ≥ 80	-	-
Tensile properties: elongation	EN 12311-2	%	≥ 40	-	-
Resistance to tearing (nail shank)	EN 12310-1	N	MD ≥ 80	-	-
			CD ≥ 100	-	-
Resistance to strike (with styrofoam base)	EN 12691	mm	NPD	-	-
Connection resistance (Astat tape used)	EN 12317-2	N/50 mm	NPD	-	-
Water vapour transmission properties: Sd	EN 1931	m	~50	-	-
Water vapour resistance	EN 1931	[(m <sup>2</sup> x s x Pa)/kg]	3,00E+11	2,09E+11	4,60E+11
Water vapour transmission properties (after artificial ageing)	EN 1296 i EN 1931	-	requirements met	-	-
Resistance to deformation under weight	No reference – non profiled merchandise				
Alkalis resistance	No reference – merchandise has no contact with most concrete				
Reaction to fire	EN 13501-1	class	E	-	-
Length	EN 1848-2	m	50	0	+0,5
Width	EN 1848-2	m	1,5	-0,005	+0,005
Thickness	EN 1849-2	mm	0,3	-0,1	+0,1
Mass per unit area	EN 1849-2	g/m <sup>2</sup>	120	-15	+15
Straightness	EN 1848-2	-	requirements met	-	-
Visible defects	EN 1850-2	-	none	-	-

Bielsko Biała, 2.06.2023

(place and date)

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