

**Technical data sheet**
**Vapour control layer mdm<sup>®</sup> Verso VCL 20 Plus**

Characteristic	Test method	Unit	Value	Tolerance	
				Min.	Max.
Resistance to water penetration	EN 1928 Method A	-	requirements met 2kPa	-	-
Tensile properties: maximum tensile force	EN 12311-2	N/50 mm	MD ≥ 200	-	-
			CD ≥ 200	-	-
Tensile properties: elongation	EN 12311-2	%	≥ 5	-	-
Resistance to tearing (nail shank)	EN 12310-1	N	MD ≥ 230	-	-
			CD ≥ 230	-	-
Resistance to strike (with styrofoam base)	EN 12691	mm	NPD	-	-
Connection resistance (Astat tape used)	EN 12317-2	N/50 mm	NPD	-	-
Water vapour resistance	EN 1931	[(m <sup>2</sup> x s x Pa)/kg]	1,11E+11	7,86E+10	3,00E+11
Water vapour transmission properties: Sd	EN 1931	m	~ 20	-	-
Water vapour transmission properties (after artificial ageing)	EN 1296 EN 1931	-	requirements met	-	-
Alkalis resistance	EN 1847 EN 12311-2	-	NPD	-	-
Reaction to fire	EN 13501-1	class	E-d2	-	-
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	0,4	-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, 31.01.2024  
 (place and date)