

**Technical data sheet****Vapour Barrier mdm<sup>®</sup> Verso Reflex**

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 ≥130	-	-
			CD ≥90	-	-
Tensile properties: elongation	EN 12311-2	%	≥30	-	-
Resistance to tearing (nail shank)	EN 12310-1	N	MD ≥65	-	-
			CD ≥65	-	-
Impact resistance (method B)	EN 12691	mm	NPD	-	-
Joint strength	EN 12317-2	N/50 mm	NPD	-	-
Water vapour transmission properties: Sd	EN 1931	m	8	-4	+12
Water vapour resistance	EN 1931	[(m <sup>2</sup> x s x Pa)/kg]	0,74*10 <sup>11</sup>	-50%	+50%
Durability, water vapour resistance after ageing	EN 1296 i EN 1931	-	Pass	-	-
Durability, chemical resistance	NPD				
Reaction to fire	EN 13501-1	class	F	-	-
Length	EN 1848-2	m	50	-0	+0,5
Width	EN 1848-2	m	1,50	-0,005	+0,005
Thickness	EN 1849-2	mm	0,50	-0,1	+0,1
Mass per unit area	EN 1849-2	g/m <sup>2</sup>	77	-10	+10
Straightness	EN 1848-2	-	requirements met	-	-
Visible defects	EN 1850-2	-	none	-	-

Bielsko-Biała, 22.09.2023  
(place and date)