

VM FIRE BARRIER PLUS

Application: Flexible sheets for waterproofing - Part 2: Underlays for walls EN 13859-2: 2010

Style Name

Description Composite of glass fibre and grey fireproof PU layer

Language English

PROPERTY	METHOD	UNITS	NOMINAL	STAND. DEV.
FUNCTIONALITY: WATER VAPOUR TRANSMISSION, WATER TIGHTNESS, WEATHER DURABILITY, FIRE CLASS				
Water vapour transmission (sd)	EN 1931	m	0,115	0,107
Flexibility at low temperature	EN 1109	°C	-5	-
Open time	-	months	3	-
Thickness	EN 1849-2	mm	0,42	0,08
Water tightness	EN 1928 (A)	class	W1	-
Reaction to fire	EN 13501-1	class	A2-s1,d0*, B-s2,d0 **	-
PHYSICAL AND MECHANICAL PROPERTIES				
Mass per unit area	EN 1842-2	g/m²	480	0,01
Maximal tensile force (MD)	EN 12311-1	N/50mm	3245	1101
Elongation at max. tensile force (MD)	EN 12311-1	%	6	0
Maximum tensile force (XD)	EN 12311-1	N/50mm	1660	1080
Elongation at max. tensile force (XD)	EN 12311-1	%	6	0
Resistance to tearing MD (nail shank)	EN 12310-1	N	565	46
Resistance to tearing XD (nail shank)	EN 12310-1	N	735	58
PROPERTIES AFTER AGEING (EN 13859-2 Annex C)				
Water tightness	EN 1928	class	W1	-
Maximal tensile force (MD)	EN 12311-1	N/50 mm	4560	306
MD elongation at max. tensile force	EN 12311-1	%	6	0
Maximum tensile force (XD)	EN 12311-1	%	2400	215
XD elongation at max. tensile force	EN 12311-1	%	6	0
ADDITIONAL PROPERTIES				
Length (customer related, expressed in m)	EN 1848-2	deviation in %	25	2
Width (customer related, expressed in mm)	EN 1848-2	deviation in %	150	2
Straightness	EN 1848-2	mm/10m	-	-
Dimensional stability (MD & XD)	EN 1107-2	%	-0,1	0
* Assessed separately ** In end-use condition: installed under a VMZINC standing seam cladding on a D-s2,d0 substrate (OSB, plywood or PIR). Further specifications are detailed in the VM FIRE BARRIER PLUS installation datasheet of VM BUILDING SOLUTIONS."				

VM Building Solutions NV/SA

Europalaan 73,
BE-9800 Deinze
T +32 (0)9 321 99 21,
info.be@vmbuildingsolutions.com
www.vmbuildingsolutions.com