

VITROBARRIER

valid from 01.01.2013

Revision 11.09.2020

PROPERTIES	METHOD	UNI TS	NOMI NAL VALUE	TOLERANCE	
				MI NI MUM	MA XI MUM

Informative section:

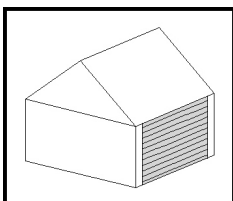
Length	EN 1848-2	[m]	>50	-	-
Width	EN 1848-2	[m]	1,5	-0,5%	+1,5%
Straightness	EN 1848-2	-	conforming	-	-
Mass per unit area	EN 1849-2	[g/m ²]	90	-7	+10
Visible defects	EN 1850-2	-	without visible defects		

Normative part:

Reaction to fire	EN 13501-1 EN 11925-2	[class]	E*	-	-
Resistance to water penetration	EN 13111	[class]	W2	-	-
Resistance to water penetration after artificial ageing	EN 13859-1;2 Annex C	[class]	W2	-	-
Water vapour transmission properties (Sd)	EN 12572	[m]	0,02	-0,01	+0,015
Tensile properties: Maximum tensile force MD / CMD	EN 12311-1 EN 13859-1;2	[N/50mm]	170 / 125	-20 / -20	+20 / +20
Max tensile force after artificial ageing MD / CMD	EN 13859-1;2 Annex C	[N/50mm]	140 / 100	-20 / -20	+20 / +20
Tensile properties: Elongation MD / CMD	EN 12311-1 EN 13859-1;2	[%]	45 / 80	-15 / -20	+25 / +30
Elongation after artificial ageing MD / CMD	EN 13859-1;2 Annex C	[%]	30 / 55	-15 / -20	+25 / +30
Resistance to tearing MD / CMD	EN 12310-1 EN 13859-1;2	[N]	90 / 100	-20 / -20	+20 / +20
Dimensional stability	EN 1107-2	[%]	<2	-	-
Flexibility at low temperature	EN 1109	[°C]	-20	-	-
Resistance to penetration of air	EN 12114 EN 13859-2	[m ³ /(m ² .h.50Pa)]	<0,8	-	-
Temperature Resistance	-	[°C]	-40 / +80	-	-
Hydrostatic pressure test	EN ISO 811	[cm]	>170	-	-
Dangerous substances			npd		

Notes: MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined; *- bottomed with insulating compound

PRODUCT APPLICATION



EN 13859-2:2010 Flexible sheets for waterproofing — Definitions and characteristics of underlays — Part 2: Underlays for walls

The air-permeable membrane is thermally-bonded polypropylene spunbonded layer with polypropylene microporous film to be used as a wind barrier for vertical wall construction. It can be installed directly on thermal insulation. Overlaps should be connected with recommended adhesive tape.