

JUTATOP[®] HTR

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PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM

Informative section:

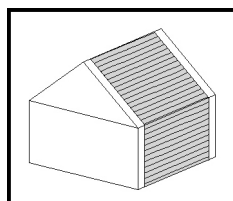
Length	EN 1848-2	[m]	>50	-	-
Width	EN 1848-2	[m]	*	-0,5%	+1,5%
Straightness	EN 1848-2	-	conforming	-	-
Mass per unit area	EN 1849-2	[g/m ²]	300	-25	+25
Visible defects	EN 1850-2	-	without visible defects		

Normative part:

Reaction to fire	EN 13501 EN 11925-2	[class]	B	-	-
Resistance to water penetration	EN 1928	[class]	W1	-	-
Resistance to water penetration after artificial ageing **	EN 13859-1 Annex C	[class]	W1	-	-
Water vapour transmission properties (Sd)	EN 12572	[m]	0,04	-0,02	+0,04
Tensile properties: Maximum tensile force MD / CMD	EN 12311-1 EN 13859-1	[N/50mm]	380 / 250	-60 / -50	+60 / +50
Max tensile force after artificial ageing MD / CMD **	EN 13859-1 Annex C	[N/50mm]	370 / 240	-60 / -50	+60 / +50
Tensile properties: Elongation MD / CMD	EN 12311-1 EN 13859-1	[%]	25 / 25	-10 / -10	+15 / +15
Elongation after artificial ageing MD / CMD **	EN 13859-1 Annex C	[%]	23 / 23	-9 / -9	+15 / +15
Resistance to tearing MD / CMD	EN 12310-1 EN 13859-1	[N]	160 / 190	-40 / -50	+50 / +60
Dimensional stability	EN 1107-2	[%]	<1	-	-
Flexibility at low temperature	EN 1109	[°C]	-40	-	-
Resistance to penetration of air	EN 12114 EN 13859-2	[m ³ /(m ² .h.50Pa)]	< 0,02	-	-
Temperature Resistance	-	[°C]	-40 / +120	-	-
Hydrostatic pressure test	EN ISO 811	[cm]	>100	-	-
Dangerous substances			npd		

Notes: * - according to requirement, MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined; ** - artificial ageing test of UV 5000 h (standart only 336h)

PRODUCT APPLICATION



EN 13859-1:2010 Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing.
EN 13859-2:2010 Part 2: Underlays for walls

Breather waterproof roofing underlay manufactured from polyester and functional coating, designed for sloping roofs ventilated and unventilated, timber sarking or directly over thermal insulation with recommended overlap.