

## JUTATOP<sup>®</sup>

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PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM

### Informative section:

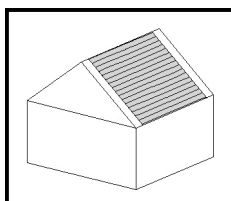
Length	EN 1848-2	[m]	>50	-	-
Width	EN 1848-2	[m]	*	-0,5%	+1,5%
Straightness	EN 1848-2	-	conforming	-	-
Mass per unit area	EN 1849-2	[g/m <sup>2</sup> ]	270	-20	+20
Visible defects	EN 1850-2	-	without visible defects		

### 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]	0,02	-0,01	+0,04
Tensile properties: Maximum tensile force MD / CMD	EN 12311-1 EN 13859-1	[N/50mm]	360 / 240	-60 / -40	+60 / +50
Max tensile force after artificial ageing MD / CMD	EN 13859-1 Annex C	[N/50mm]	350 / 230	-60 / -40	+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 <sup>3</sup> /(m <sup>2</sup> .h.50Pa)]	< 0,02	-	-
Temperature Resistance	-	[°C]	-40 / +100	-	-
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

### PRODUCT APPLICATION



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

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.