CE DOCUMENT

CE
13

JUTADREN®

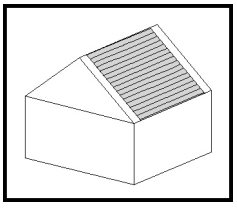
Valid from 01.01.2013

PROPERTIES	METHOD	UNITS	NOMINAL VALUE	TOLERANCE	
				MINIMUM	MAXIMUM
Informative section:					
Length	EN 1848-2	[m]	>25	-	-
Width	EN 1848-2	[m]	1,5	-0,0075	+0,0225
Straightness	EN 1848-2	-	conforming	-	-
Mass per unit area	EN 1849-2	[g/m^2]	500	-50	+50
Visible defects	EN 1850-2	-	without visible defects		
Normative part:					
Reaction to fire	EN 13501 EN 11925-2	[class]	E	-	-
Resistance to water penetration	EN 1928 EN 13111	[class]	W1	-	-
Resistance to water penetration after artificial ageing	EN 13859-1 Annex C	[class]	W1	-	-
Water vapour transmission properties (Sd)	EN 12572 EN 1931	[m]	0,02	-0,01	+0,02
Tensile properties: Maximum tensile force MD / CMD	EN 12311-1 EN 13859-1	[N/50mm]	310 / 215	-40 / -30	+40 / +30
Max tensile force after artificial ageing MD / CMD	EN 13859-1 Annex C	[N/50mm]	280 / 190	-55 / -35	+40 / +40
Tensile properties: Elongation MD / CMD	EN 12311-1 EN 13859-1	[%]	45 / 70	-15 / -15	+15 / +15
Elongation after artificial ageing MD / CMD	EN 13859-1 Annex C	[%]	35 / 65	-15 / -30	+40 / +40
Resistance to tearing MD / CMD	EN 12310-1 EN 13859-1	[N]	170 / 190	-30 / -35	+80 / +75
Dimensional stability	EN 1107-2	[%]	<2	-	-
Flexibility at low temperature	EN 1109 EN 495-5	[°C]	-30	-	-
Resistance to penetration of air	EN 12114 EN 13859-1	[m^3/m^2.h.50Pa]	npd	-	-
Temperature Resistance	-	[°C]	-40 / +80	-	-
Hydrostatic pressure test	EN 20811	[cm]	>280	-	-

Notes: MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined

Supplementary part:					
Joint strength	EN 12317-2	[N/50mm]	npd	-	-
		-			

PRODUCT APPLICATION



EN 13859-1

Vapour permeable waterproof underlay provided with a structured polypropylene separating layer. This membrane is used for ventilated and non-ventilated pitched roofs with metal standing seam roof covering (copper, zinc, aluminium, stainless steel, etc). This special membrane prevents corrosion of the unterside of the metal roof covering. It also reduces transmission of external sounds.

This product does not contain any dangerous substances.

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