Technical Datasheet

DELTA®-LUXX

Air and vapour barrier made of 2-ply material for roof and wall constructions.



Characteristics	Methods	Values	Units
Description			
Application	-	Airtight and vapour control layer for roofs, wooden frame and wall constructions. Designed for to use for interior applications.	-
Material	-	2-layer membrane made of PP with a strong base of non-woven (BiCo technology) with a vapour control and air tight coating.	-
Weight	EN 1849-2	approx. 150	g/m²
Thickness	EN 1849-2	approx. 0,2	mm
Straightness	EN 1848-2	< 75	mm / 10 m
Density	EN 1849-2	approx. 750	kg/m³
Coefficient of thermal conductivity	-	approx. 17	W/m.K
Thermal capacity	-	approx. 1.000	J/kg.K
Watertigtness			
Resistance to water penetration	EN 1928	W1	-
Water vapour transmission			
Sd-value	EN ISO 12572	approx. 3	m
Diffusion resistance factor µ	-	15.000	-
Water vapour transmission	EN ISO 12572	approx. 0,031	g/m².h.mmHg
Mechanical properties			
Tensile strength MD / CD	EN 12311-1	> 160 / > 110	N/5 cm
Elongation at break	EN 12311-1	65 / 65	%
Tear resistance	EN 12310-1	> 125 / > 160	N
Exposure to liquid chemicals – alcali (tensile strenght after ageing)	EN 1847 / EN 12311-1	Pass	-
Additional characteristics			
Fire resistance	EN 13501-1	E	-
Service temperature range	-	- 30 to +80	°C
CE conformity	EN 13984	Yes	-
Accessories	DELTA®-MULTI BAND (universal adhesive tape – roll 60 mm x 25 m), DELTA®-TIXX (sealing compound for airtight connection of vapour barrier sheet to brick walls – cartridge 310 ml), DELTA®-FLEXX BAND (stretchable connecting and sealing tape for dormer windows, soil pipes and cables – roll 100 mm x 10 m)		
Dimension	-	1,5 x 50	m
Roll weight		11,5	kg
Palettizing		40	Rolls

The contents of this data sheet describe the current state of knowledge at the time of publication and do not purport to be complete. The information listed does not release from own responsibility. With publication of this sheet all previous ones are no longer valid. Errors and typing errors reserved.

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