



Technical Datasheet

DELTA®-VENT S DELTA®-VENT S PLUS

Breathable protective insulating membrane for pitched roofs

Characteristics	Methods	Values	Units
Description			
Description	-	3-layer breathable protective insulating membrane for sarking and soft sheathing with innovative adhesive strips along both edges.	-
Material	-	3-ply, high-strength spun-bonded PP breather membrane. As DELTA®-VENT S PLUS, with integrated self-adhesive edge for fast, windproof laying.	-
Weight	EN 1849-2	approx. 150	g/m ²
Thickness	-	0,3	mm
Water vapour transmission			
Sd-value	EN ISO 12572	0,02	m
Diffusion resistance factor μ	-	65	-
Water vapour transmission	EN ISO 12572	approx. 3,0	g/m ² .h.mmHg
Watertightness			
Watertightness	EN 1928	W1	-
Resistance to water penetration after ageing (336h QUV)	EN 1928 + EN 13859-2	W1	-
Mechanical properties			
Tensile strength	EN 12311-1	310 / 260	N/5 cm
Tensile strength after ageing	EN 12311-1	200 / 170	N/5 cm
Elongation at break	EN 12311-1	30 / 70	%
Tear resistance	EN 12310-1	150 / 200	N
Dimensional stability	EN 1107-2	< 2	%
Flexibility at low temperature	EN 1109	-40	°C
Additional characteristics			
Fire resistance	EN 13501-1	E	-
Service temperature range	-	- 30 to +80	°C
Application	For fully-insulated pitched roofs with and without hard sheathing.		
CE conformity	EN 13859-1 and EN 13859-2	Yes	-
Accessories	DELTA®-MULTI BAND 60 mm & 100 mm, DELTA®-SB 60 DELTA®-FLEXX BAND F 100/FG 80, DELTA®-THAN		
Dimension / roll weight / palettizing	-	VENT S PLUS: 1,5 x 50 m / 11,25 kg / 20 rolls VENT S: 1,5 x 50 m / 11,25 kg / 25 rolls	-