

Technical data sheet

DELTA®-MAXX PLUS

Vapour permeable soft sheathing and sarking sheet with innovative adhesive zones along both edges.



Characteristics	Methods	Values
Description		
Application	–	Vapour permeable soft sheathing and sarking sheet with innovative adhesive zones along both edges. Saves up to 30% time and material.
Material	–	Highly tear-resistant polyester nonwoven with a waterproof special coating. With adhesive strips along both edges.
Special features	–	Reduced material consumption / minimal waste thanks to the double adhesive strips (the underlay can simply be turned and reused directly). Material savings: up to 30%.
Weight	EN 1849-2	approx. 190 g/m ²
Thickness	–	approx. 0.4 mm
Watertightness		
Resistance to water penetration before and after ageing (336 h UV)	EN 1928 + EN 13859-2	W1
Driving rain test	Test University of Berlin	Watertight
Water vapour transmission		
S_d-value	EN ISO 12572	approx. 0.15 m
Diffusionswiderstand μ	–	approx. 375
Water vapour transmission	EN ISO 12572	approx. 1.2 · 10 ⁻⁹ kg/m ² · s · Pa
Mechanical properties		
Tensile strength MD/CD	EN 12311-1	approx. 450/300 N/5 cm
Tensile strength after ageing (336 h UV) MD/CD	EN 12311-1	approx. 360/240 N/5 cm
Elongation at break MD/CD	EN 12311-1	approx. 40–70% / 60–100%
Tear resistance MD/CD	EN 12310-1	approx. 280/350 N
Dimensional stability	EN 1107-2	<1.5%
Flexibility at low temperature	EN 1109	–25 °C
Miscellaneous characteristics		
Fire resistance	EN 13501-1	E
Fire index (CH)	VKF	4.2
Air permeability	EN 12114	0 m ³ /h · m ²
Service temperature range	–	–40 °C to +80 °C
Short-term maximum temperature load of the material (<8 h/day)	–	+120 °C
Dimension	–	50 m × 1.50 m / 50 m × 2.96 m
Weight of one roll	–	14 kg (dimension 50 m × 1.50 m) 28 kg (dimension 50 m × 2.96 m)
Packaging unit	–	18 rolls/pallet (dimension 50 m × 1.50 m) 15 rolls/pallet (dimension 50 m × 2.96 m)
CE-conformity	EN 13859-1	Yes
Certificates	–	UDB-A / USB-A in accordance with ZVDH rules. Increased ageing requirement: passed, ZVDH-Product data sheet, table 1
External test reports	–	Fall-through safety according to DGUV test

The content of this data sheet describes the current state of knowledge at the time of publication and make no claim to be complete. The information listed does not release from self-dependent behaviour. With publication of this sheet all previous versions are not valid any longer. Errors and typing errors reserved.



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For fully insulated pitched roofs. Corresponds to the ZVDH product data sheet underlay class UDB-A and underlayment class USB-A. Suitable for temporary roofing. Also suitable as a sheathing membrane.		
Accessories		
<ul style="list-style-type: none"> DELTA®-MULTI-BAND: Single-sided high-performance adhesive tape to seal and repair all DELTA® sheets (applied to the printed upper side) as well as to join them to any similar surfaces and surfaces made of plastic (rigid), metal, smooth wood, and wood-based materials. Suitable for inside and outside application. Material: special reinforced UV-stabilized polyethylene (PE) film and highly aggressive solvent-free acrylic adhesive with an easily removed paper release liner. Meets the requirements of the norm DIN 4108-11. Dimension: 60 mm / 100 mm* / 150 mm* (*with slit paper release liner). DELTA®-FLEXX-BAND FG 80 / FG 150: Sealing and connecting tape suitable for outside and inside details such as skylights, flue pipes, cables. Thickness approx. 2 mm. Material: solvent-free butyl rubber adhesive on special PE film with siliconized PE cover foil, slit in the middle. Dimension: 6 m × 80 mm / 10 m × 150 mm. Also available as DELTA®-FLEXX-BAND F 100 with geotextile surface: 10 m × 100 mm. DELTA®-THAN: Permanently elastic cartridge adhesive made of special rubber for outside application, for bonding and joining DELTA® membranes. (suitable for bonding the underside of DELTA®-MAXX PLUS) Filling weight: 310 ml per cartridge / 600 ml per tubular bag. DELTA®-NAGELDICHTBAND: VPE foam nail-sealing tape off the roll. For sealing nail penetrations. Single-faced. Apply to sheet surfaces or counterbattens. Dimension: 40 mm × 30 m (DELTA®-SB 40) / 50 mm × 30 m (DELTA®-SB 50) / 60 mm × 30 m (DELTA®-SB 60) / 70 mm × 30 m (DELTA®-SB 70) / 80 mm × 30 m (DELTA®-SB 80) 		