

DELTA®

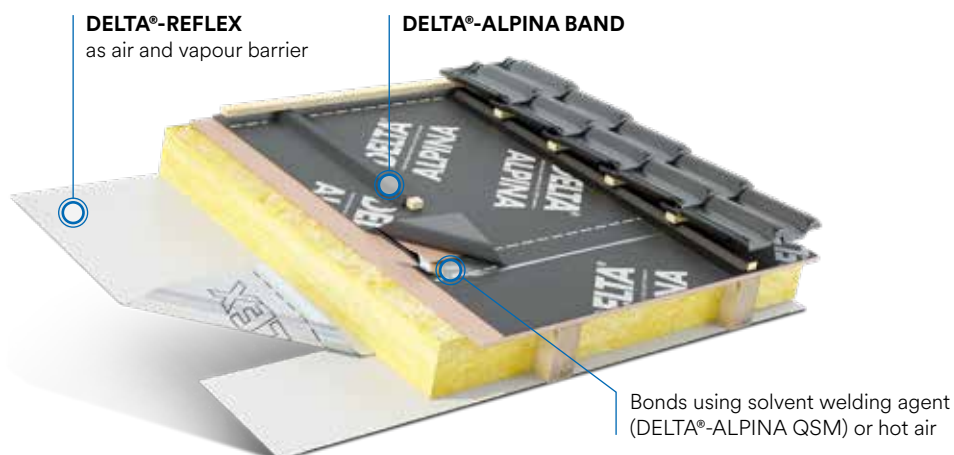
DELTA®-ALPINA

The sheathing membrane for low pitched roofs



DELTA®-ALPINA

The reliable solution for a ZVDH-compliant “seam-joined underlay with integrated counter-batten” (class 1) and a “seam-joined underlay with nail sealing tape under the counter-batten” (class 2)



DELTA®-ALPINA – the essentials in brief

Material	Highly tear resistant PES special roofing fabric with breathable PU coating on upper and undersides
Suitability	Diffusion-open underlay for the construction of “seam-joined underlays with integrated counter-batten” (class 1) and “seam-joined underlays with nail sealing tape under the counter-batten” (class 2). Germany: ZVDH product data sheet for diffusion-open underlays for extended applications (UDB-eA), Austria: Underlay (UD type 2) according to ÖNORM B 3661:2017 and for underroofs with increased rain resistance according to ÖNORM B 4119, Switzerland: Underroof membrane for increased and extraordinary loads according to SIA 232/1:2011
Flammability	Class E, EN 13501-1
Tear strength	approx. 450/410 N/5 cm, EN 12311-1
Watertightness	Class W1, EN 13859-1+2
S_d-value	approx. 0,30 m, EN 1931
Thermal stability	-40 °C to +80 °C
Short-term maximum thermal load	+120 °C
Increased requirements for ageing	Passed: ZVDH product data sheet UDB-eA, table 2 (ZVDH = Association of German Roofers)
Weight	approx. 370g/m ²
Roll weight	approx. 16,7 kg
Roll dimensions	30 m × 1,50 m, 30 m × 2,96 m

Accessories



DELTA®-ALPINA-BAND



DELTA®-ALPINA QSM



DELTA®-PINSELFLASCHE



DELTA®-TILAXX ULTRA



DELTA®-FLEXX-BAND



DELTA®-SCHAUM-BAND SB 60



DELTA®-FLEXX CORNER



DELTA®-FLEXX MANSCHETTE

Advantages at a glance

- In combination with the DELTA® system components, guarantees the execution of a “seam-joined underlay with integrated counter batten” (class 1) and a “seam-joined underlay with nail sealing tape under the counter batten”(class 2) in accordance with the ZVDH technical rules.
- Bonds using hot air or DELTA®-ALPINA QSM thanks to the special coating on the upper and undersides.
- Can be laid on either side thanks to symmetrical structure, minimum wastage.
- Does not require trapezoid counter battens.
- Special sealing lips ensure edge protection on both sides.
- The surface is extremely slip- and tear-resistant to ensure maximum safety.
- Safe installation even at low temperatures.
- Fitted out with DELTA®-AMS and DELTA®-BiCo technologies.
- 30-year functional warranty* (in accordance with the warranty conditions).

DELTA®-ALPINA – permanently reliable safety:



Long-term protection against ageing



Breathable – releases moisture



Ideal for extreme weather situations



Facilitates windtight constructions



Thermally stable up to 120 °C



Non-slip surface



Watertight



Very high UV protection

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