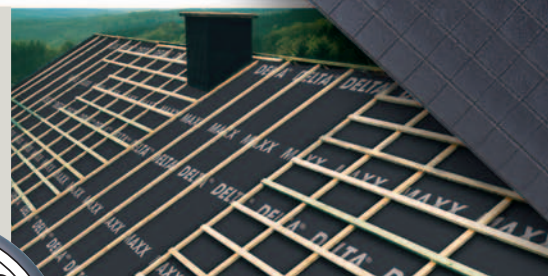


DELTA[®]-MAXX

The Big Hit on European Roofs.

Vapour permeable roofing underlay – protects even in extreme conditions.



■ Roofing underlay

■ For fully insulated pitched roofs

■ New construction refurbishment

**For perfect, dry,
thermal insulation –
rely on the
DELTA® System!**

Trust the Number 1:

DELTA®-MAXX

Exceptionally tough. Completely



■ **Outside:**

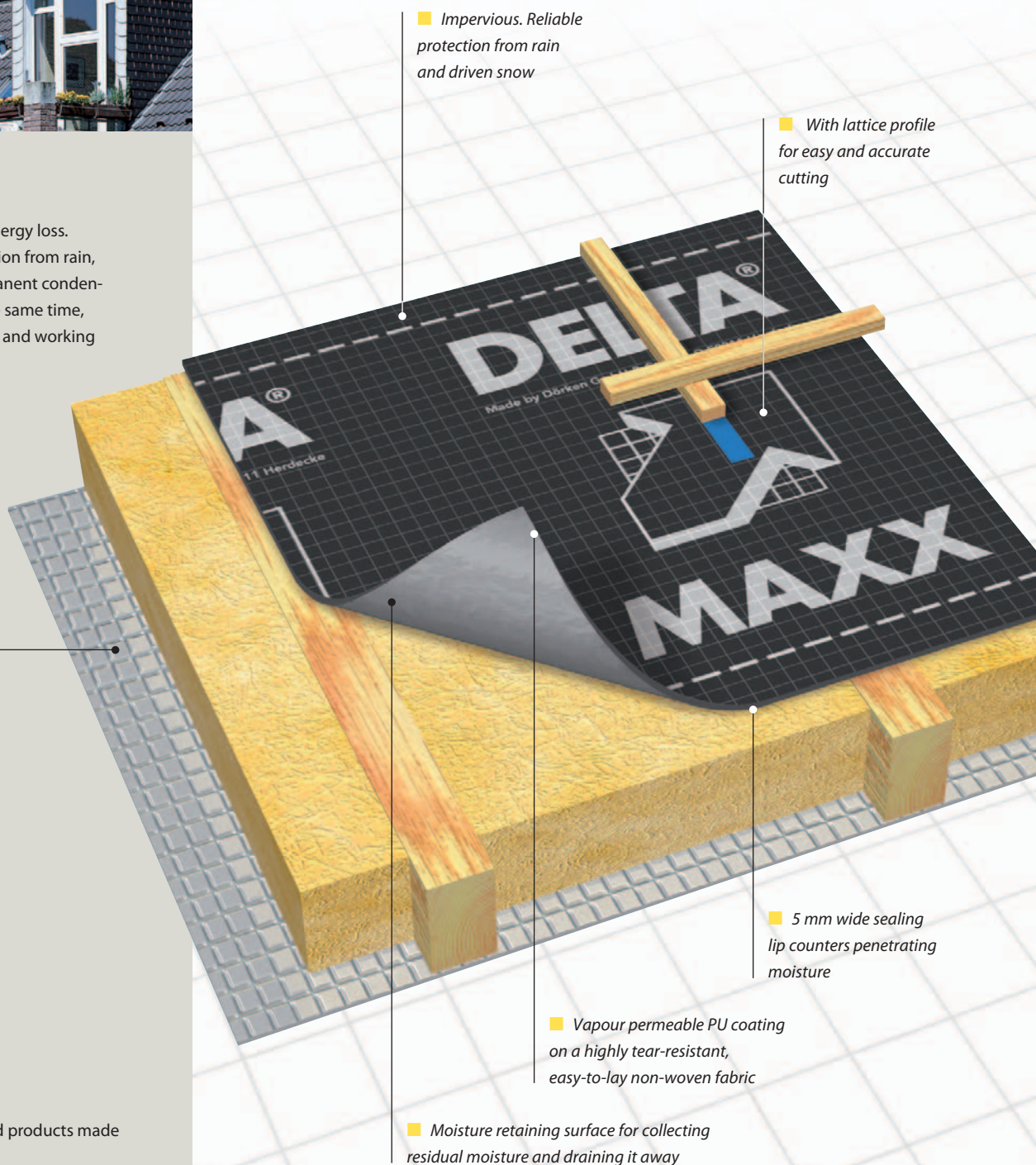
DELTA®-MAXX

Put a stop to serious energy loss. Protect thermal insulation from rain, driven snow and permanent condensation problems. At the same time, keep the insulation dry and working well at all times.

■ **Inside:**

**DELTA®-REFLEX/
DELTA®-REFLEX PLUS**

Vapour barrier sheet. Provides 10 % increase in thermal insulation, 50 % heat reflection, 100 % barrier against air and vapour.



■ *Impervious. Reliable protection from rain and driven snow*

■ *With lattice profile for easy and accurate cutting*

■ *5 mm wide sealing lip counters penetrating moisture*

■ *Vapour permeable PU coating on a highly tear-resistant, easy-to-lay non-woven fabric*

■ *Moisture retaining surface for collecting residual moisture and draining it away*

DELTA® quality branded products made by Dörken.



Added safety from DELTA®System components.

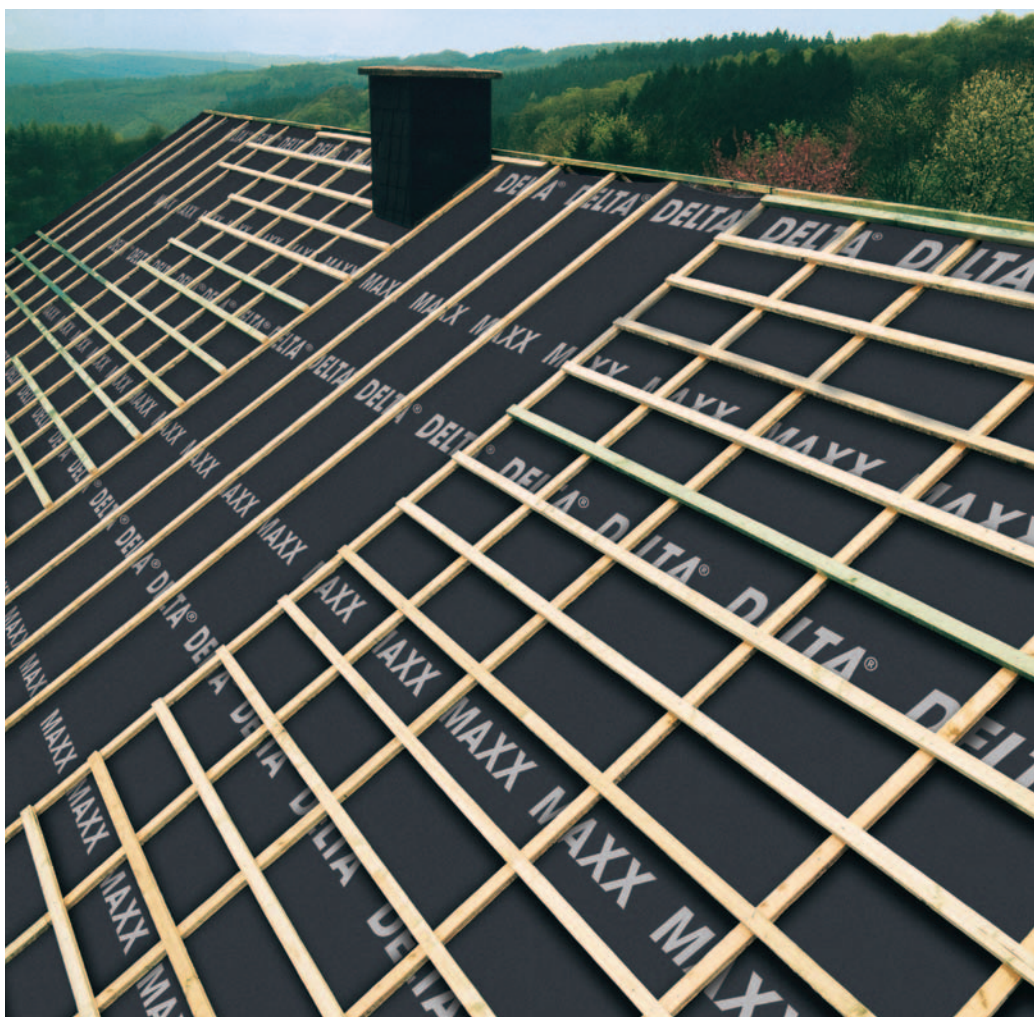
Very tear resistant and extremely sure footing.

DELTA®-MAXX is absolutely waterproof.

y impervious.

DELTA®-MAXX ...

- ... is Germany's most popular vapour permeable underlay for fully insulate pitched roofs.
- ... is highly reliable, with 15 years of experience.
- ... is fire resistant Class E EN 13501-1, B 1 rating (DIN 4102).
- ... allows vapour to permeate with great ease (with an S_d value of approx. 0.15 m) ensuring that ambient room moisture can escape.
- ... can be laid quickly and efficiently thanks to its smooth, fabric bottom side.
- ... makes laying easy, with its squareridged surface profile: helps you cut straight edges.
- ... makes condensation calculations a thing of the past.
- ... is together with DELTA®-MAXX TITAN Thermomembrane and DELTA®-MAXX PLUS energy-saving membrane the only underlay available with a moisture retaining surface.
- ... can, in extreme situations, absorb up to 1 litre/m² through its bottom surface, gradually releasing this later up into the outside air.
- ... ensures extremely sure footing when working with ladders on roof battens.
- ... is very tear resistant (approx. 450/300 N/5 cm).
- ... can be unrolled and lined up very quickly.



DELTA®-MAXX – Germany's most popular underlay for pitched roof



Why not profit from the DELTA®System?

Outside ...

... DELTA®-MAXX vapour permeable, tear-resistant roofing underlay for fully insulated pitched roofs. With moisture retaining surface. Perfect thermal insulation from A to Z.

Inside ...

... a DELTA®-REFLEX air and vapour barrier; as DELTA®-REFLEX PLUS with integrated self-adhesive border. An energy-saving sheet made of rugged, highly flexible 4-ply material. Reflects heat and saves on heating costs. Provides protection from electrical smog.

Needless to say, we have a range of perfect accessories, of which you find additional information on the next page.



DELTA®-MAXX

Technical Data Overview:

Material	Highly tear-resistant polyester felt with vapour permeable polyurethane coating.
Application	On fully insulated pitched roofs without sheathing, and as protection for building facades.
Fire resistance	Class E (EN 13501-1) B 1 rating (DIN 4102)
Tensile strength	approx. 450/300 N/5 cm (EN 12311-1+2)
Watertightness	Watertight W 1 (EN 13859-1+2)
S _a value	approx. 0.15 m
Service temperature range	- 40 °C to + 80 °C
Weight	approx. 190 g/m ²
Roll weight	approx. 14 kg
Roll size	50 m x 1.5 m

Due to variable weather and UV conditions we recommend the efficient covering of our sheets.

DELTA®-Accessories for DELTA®-MAXX.

Dörken makes your life easier – systematically.

You are sure to appreciate these handy DELTA®-Accessories:



DELTA®-MULTI-BAND

All-round adhesive tape featuring top adhesion. For all DELTA® sheets for interior and exterior application, particularly for sealing overlaps and openings and repairing tears.



DELTA®-THAN

Permanently elastic sealing compound for fixing and seam jointing of DELTA® sheet products. Also can be used to secure connections.



DELTA®-SCHAUM-BAND SB 60

Single-faced adhesive tape for sealing nail penetrations between counterbattens and waterproofing sheets.



DELTA®-FLEXX-BAND

Stretchable sealing tape for inner and outer connections to structural details such as skylights, dormer windows, ventilator exhaust pipes, cables etc.

DELTA®



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■ Standard requests for tender as well as detailed installation instructions for all DELTA®-Products may be obtained at www.doerken.com as pdf files for you to print out and save.