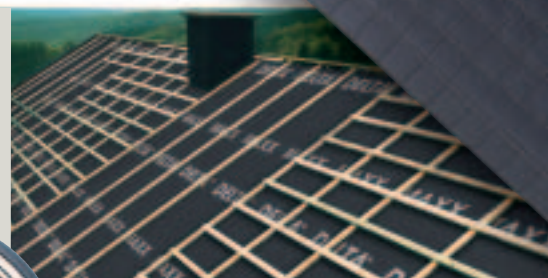


## DELTA<sup>®</sup>-MAXX

### 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

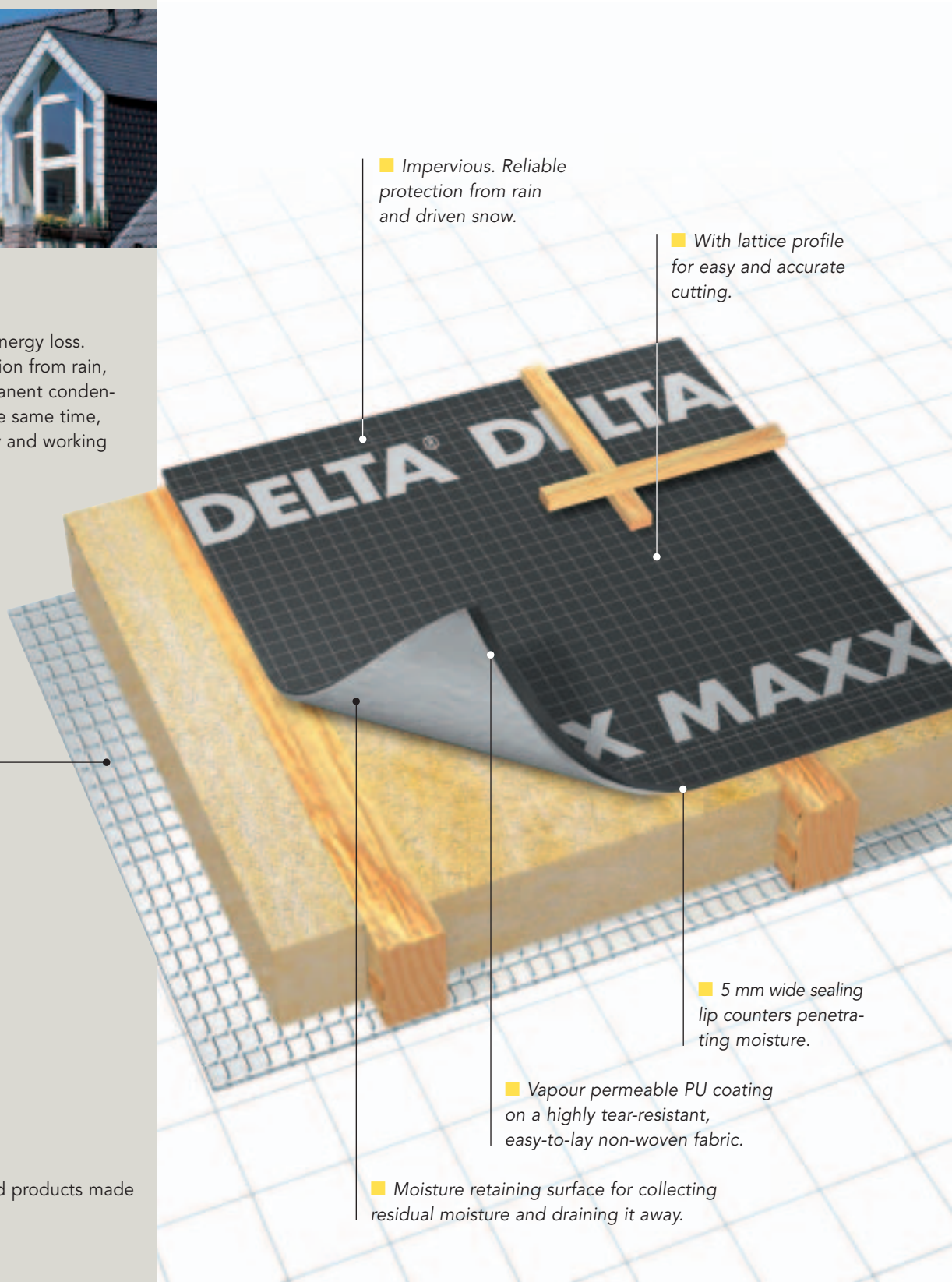
## Exceptionally tough. Complete



■ **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.

# ly 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 square-ridged 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/m<sup>2</sup> 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 roofs.

## 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 <sub>d</sub> value	approx. 0.15 m
Service temperature range	-40 °C to +80 °C
Weight	approx. 190 g/m <sup>2</sup>
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®-FLEXX-BAND

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



## DELTA®-THAN

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

# DELTA®



## DELTA® System ...

### ... for owners:

" ... What I get is a mature problem solution provided at a fair price by the top specialist in quality branded products!"

### ... for workers:

" ... What I get is a complete system made by a single manufacturer that enables me to do anything to the owner's entire satisfaction. There is no safer way!"

### ... for planners:

" ... I can be certain that both innovative and standard products will be used in implementing my roof and cellar plans in a systematic and forward-looking way."



Dörken GmbH & Co. KG  
Wetterstraße 58  
D-58313 Herdecke  
Tel.: +49 23 30/63-0  
Fax: +49 23 30/63-355  
bvf@doerken.de  
www.doerken.de

**A company of the Dörken Group.**

■ **Standard requests for tender and detailed installation instructions** for all DELTA® products may be obtained from [www.doerken.de](http://www.doerken.de) as PDF files for you to print out and save.