

## DELTA<sup>®</sup>-TRELA PLUS

### The optimum partner for metal roofs.

Offers perfect protection from corrosion  
and moisture. Breathable, elastic, and  
sound-absorbing.



Available without integrated  
self-sealing edges as DELTA<sup>®</sup>-TRELA!  
Without backing sheet: DELTA<sup>®</sup>-Enka<sup>®</sup>-VENT!

■ Structured  
separation layer

■ For all sloping  
metal roofs

■ Construction/  
rehabilitation



**Top-level safety for the valuable facing of your building? Everything as right as rain – with the DELTA®-System!**



**Outside:**

**DELTA®-TRELA PLUS/DELTA®-TRELA**

Don't give moisture a chance to accumulate on the underside of your metal roof. Stamp out corrosion once and for all, thus effectively protecting the intrinsic value of your representative architecture.

**Inside:**

**DELTA®-REFLEX/**

**DELTA®-REFLEX PLUS**

Draught and vapour barrier. Improves thermal insulation by up to 10 %. Reflects heat 50 %. Stops draughts and vapour 100 %.

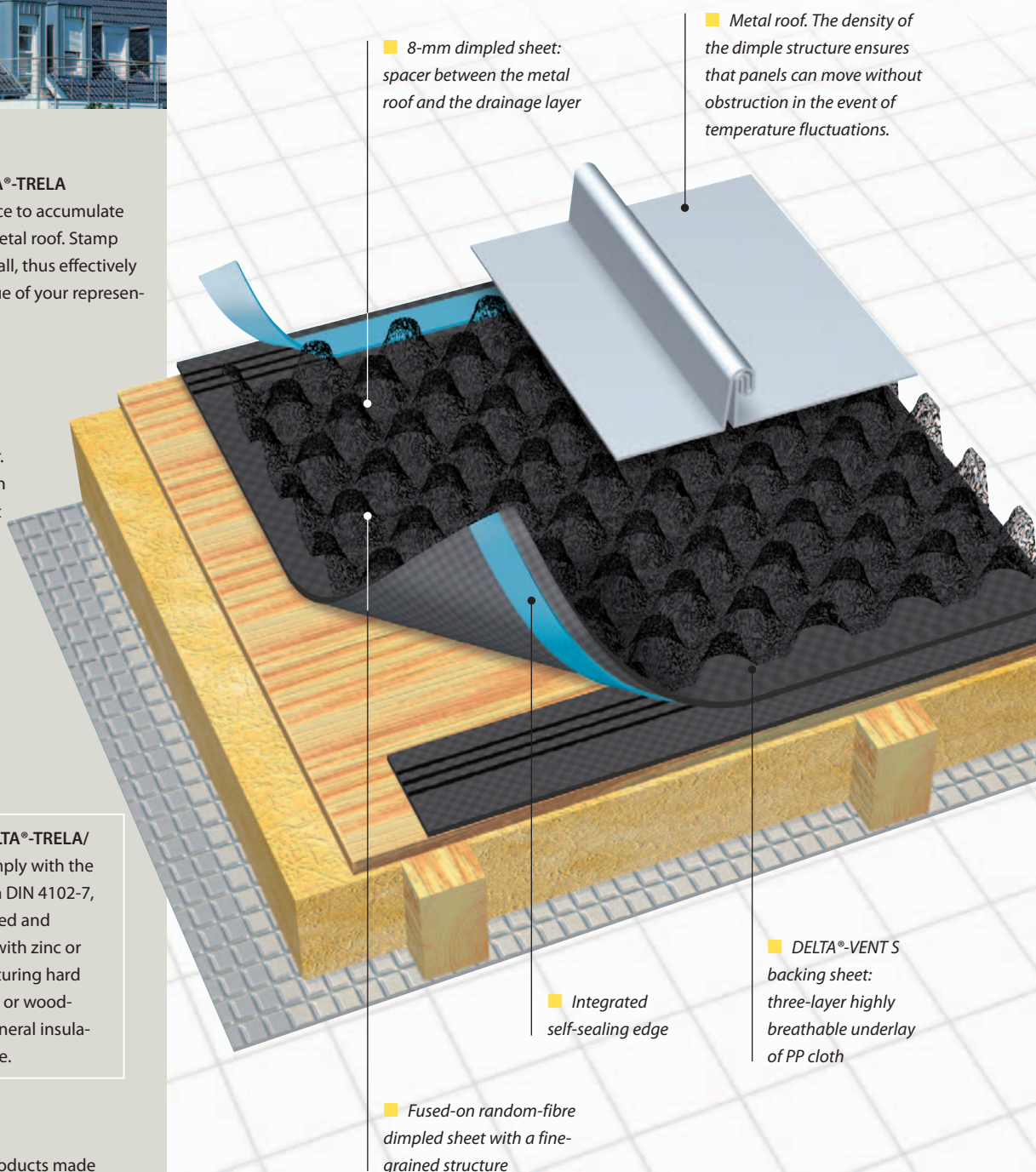
DELTA®-TRELA PLUS/DELTA®-TRELA/DELTA®-Enka®-VENT comply with the requirements specified in DIN 4102-7, Par. 4 as applying to vented and unvented roofs covered with zinc or zinc-alloy panels and featuring hard sheathing made of wood or wood-based materials and a mineral insulation layer in the roof slope.

DELTA®-Quality branded products made by Dörken.

**Keep your attractive metal roof shining:**

# DELTA®-TRELA PLUS

## Prevents moisture buildup. Stop







Quick and simple to lay out.

Permits panels to glide.

Impact-resistant non-slip dimpled structure.

S

## os corrosion. Dampens rattling noises.

### DELTA®-TRELA PLUS ...

- ... is an elastic, breathable, and structured separation layer.
- ... is designed for use under all metal-covered pitched roofs and metal facings.
- ... features a backing sheet with a fused-on fine-grained dimpled random-fibre sheet 8 mm thick.
- ... ensures permanent ventilation under metal panels.
- ... channels moisture.
- ... permits residual moisture in rafters and sheathings to escape outside through its breathable backing sheet ( $S_d$  value approx. 0.02 m).
- ... dampens the rattling noise of rain and hail by as much as 15 dB (certified by the Brussels Centre of Building Science and Technology).
- ... features a very densely dimpled structure which ensures that panels can glide in the event of temperature changes without being obstructed by friction.
- ... is available without an integrated self-sealing edge under the name of DELTA®-TRELA.



DELTA®-TRELA PLUS ist die optimale Trennlage für hochwertige Metalldächer.

### DELTA®-Enka®-VENT ...

- ... is an elastic, breathable, and structured separation layer without a backing sheet.



## Why not profit from the DELTA®-System.

### Outside ...

... DELTA®-TRELA PLUS, a combination of a structured separation layer and a robust, breathable backing sheet with a fused-on random fibre mat. Optimum protection from the word Go.

### Inside ...

... DELTA®-REFLEX draught and vapour barrier or DELTA®-REFLEX PLUS with an integrated self-sealing edge. Energy-saver sheet of tear-resistant, highly flexible 4-layer material. Reflects heat and saves heating expenses. Protects from electro-smog.

Needless to say, we have a range of perfect accessories. For detailed information about the DELTA®-System, consult the DELTA®-System guides.



# DELTA®-TRELA PLUS

## Technical data overview:

Material of the backing sheet	DELTA®-VENT S, a 3-layer highly breathable underlay of PP cloth.
Material of the dimpled mat	Polypropylene Polyamide (DELTA®-Enka®-VENT)
Dimple structure height	approx. 8 mm
Flammability	Class E, EN 13501-1
S <sub>d</sub> value	approx. 0.02 m
Covering width	approx. 1.40 m approx. 1.00 m (DELTA®-Enka®-VENT)
Weight	approx. 380 g/m <sup>2</sup> approx. 210 g/m <sup>2</sup> (DELTA®-Enka®-VENT)
Roll weight	approx. 17.1 kg approx. 10,5 kg (DELTA®-Enka®-VENT)
Roll size	30 m x 1.5 m 50 m x 1.0 m (DELTA®-Enka®-VENT)

As weather and solar-radiation conditions may vary, we generally recommend covering our sheets promptly.

# DELTA®-Accessories for DELTA®-TRELA PLUS.

**Dörken makes your life easier – systematically.**

This is why you are sure to appreciate these handy DELTA®-Accessories:



## DELTA®-PREN

Viscous special adhesive for bonding overlaps.



## DELTA®-DICHTNAGEL

Self-sealing nail for fastening.



## DELTA®-THAN

Permanently-elastic special-rubber cartridge adhesive. For outside application.

# DELTA®



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**A company of the Dörken Group**

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