

DELTA[®]-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[®]-TRELA!
Without backing sheet: DELTA[®]-TRELA ST!

■ 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!

Keep your attractive metal roof shining:

DELTA®-TRELA PLUS

Prevents moisture buildup. Stop



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:

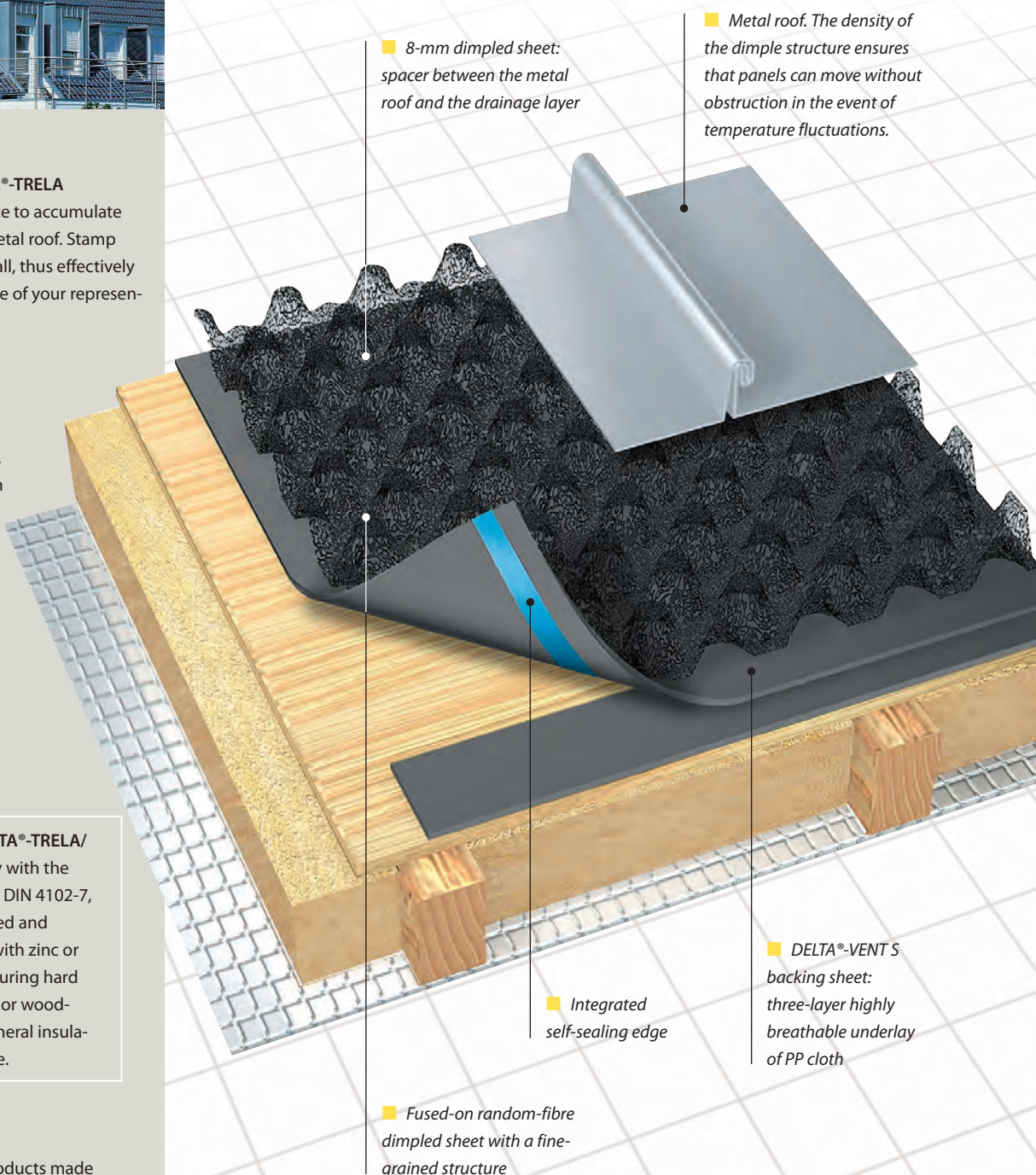
DELTA®-REFLEX/

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®-TRELA ST 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.



8-mm dimpled sheet: spacer between the metal roof and the drainage layer

Metal roof. The density of the dimple structure ensures that panels can move without obstruction in the event of temperature fluctuations.

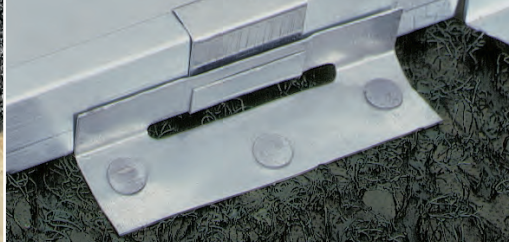
Integrated self-sealing edge

DELTA®-VENT S backing sheet: three-layer highly breathable underlay of PP cloth

Fused-on random-fibre dimpled sheet with a fine-grained structure



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®-TRELA ST ...

- ... 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®-TRELA ST)
Dimple structure height	approx. 8 mm
Flammability	Class E, EN 13501-1
S _d value	approx. 0.02 m
Covering width	approx. 1.40 m approx. 1.00 m (DELTA®-TRELA ST)
Weight	approx. 380 g/m ² approx. 210 g/m ² (DELTA®-TRELA ST)
Roll weight	approx. 17.1 kg approx. 6 kg (DELTA®-TRELA ST)
Roll size	30 m x 1.5 m 30 m x 1.0 m (DELTA®-TRELA ST)

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

DELTA®-Accessories for DELTA®-TRELA PLUS.

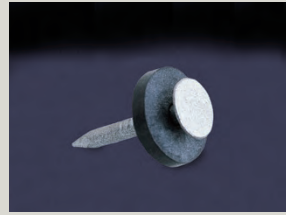
Dörken makes your life easier – systematically.

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®

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."



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