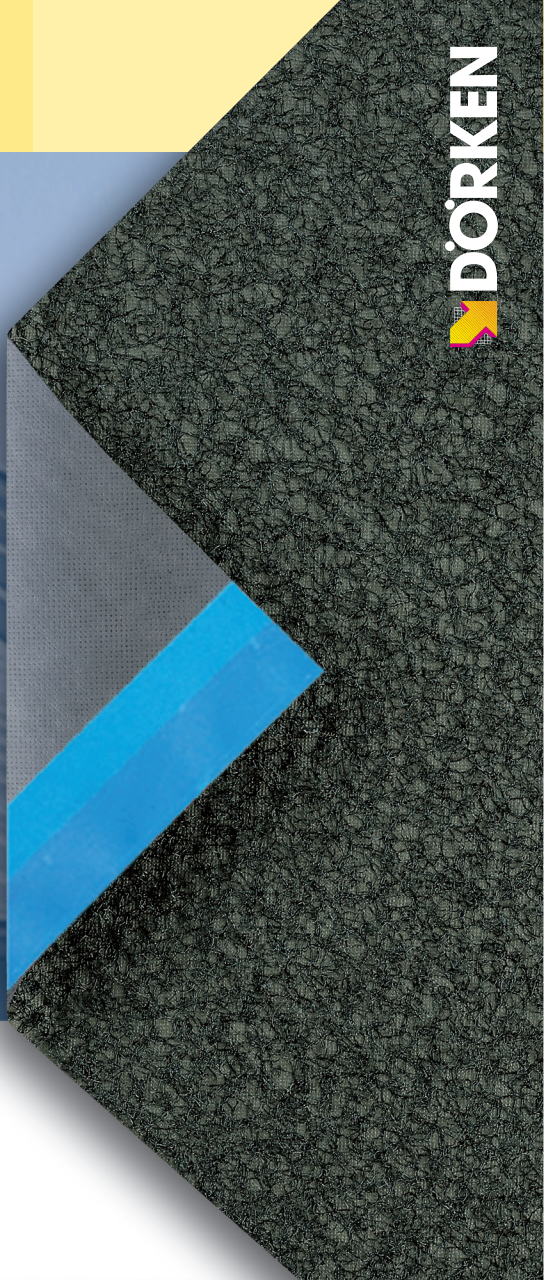


DELTA[®] protects property. Saves energy. Creates comfort.



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!

PREMIUM QUALITY

■ 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 %.

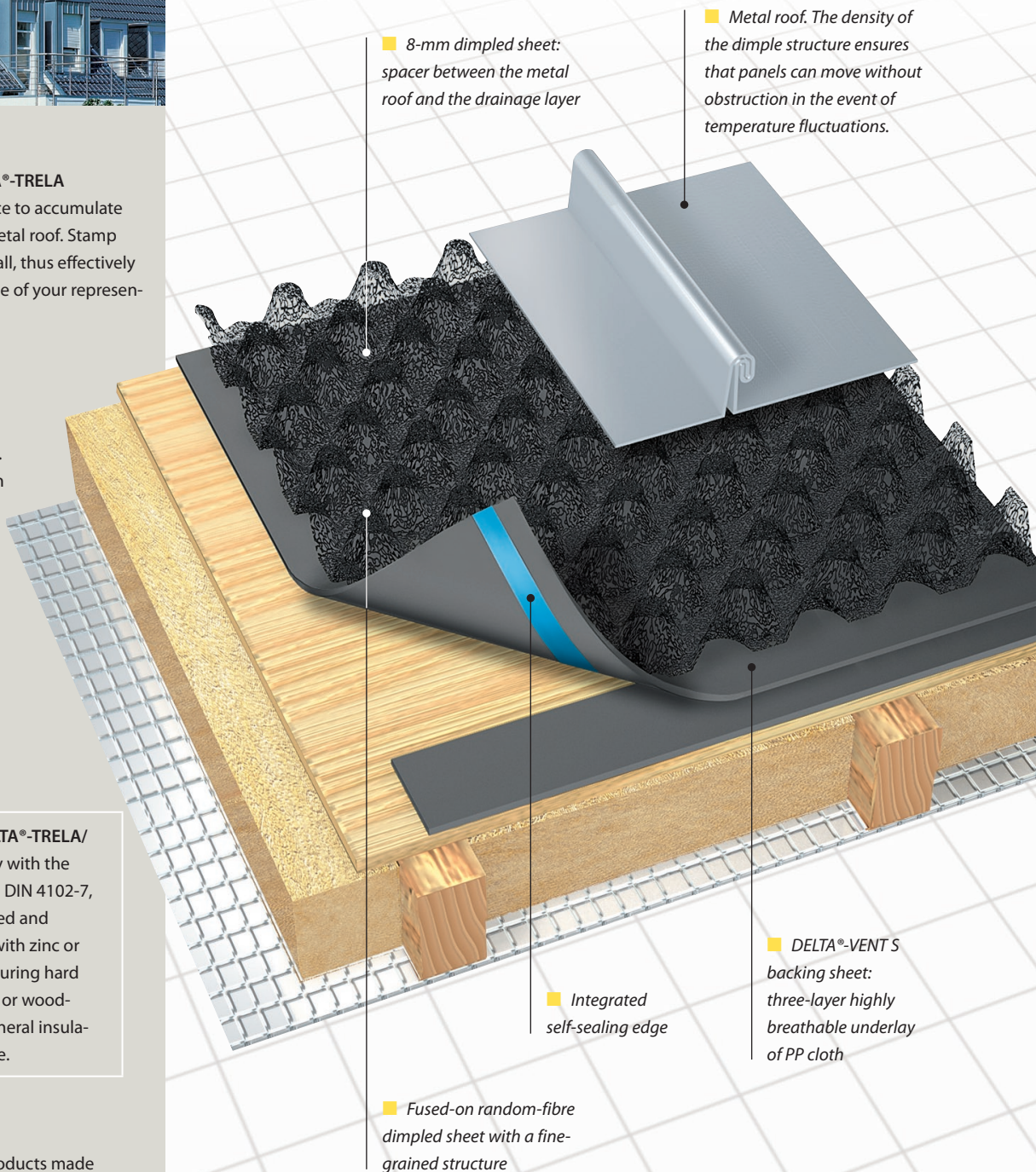
**DELTA®-TRELA PLUS/DELTA®-TRELA/
 DELTA®-TRELA ST** comply with the requirements specified in DIN 4102-7, Par. 4 as applying to vented and unvented roofs covered with zinc or zinc-alloy panels and featuring hard sheathing made of wood or wood-based materials and a mineral insulation layer in the roof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

DELTA®-Quality branded products made by Dörken.

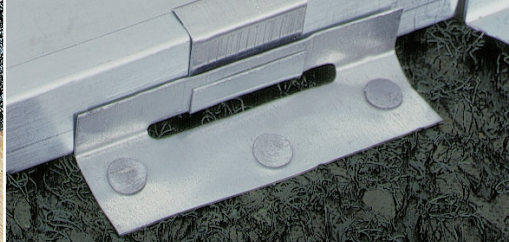
Keep your attractive metal roof shining:

DELTA®-TRELA PLUS

Prevents moisture buildup. Stop



PREMIUM QUALITY



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."



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.com

A company of the Dörken Group

Delta Membrane Systems Ltd.
Delta House, Merlin Way
North Weald, Epping,
Essex CM16 6HR
Tel.: +44 (0)1992 523 523
Fax: +44 (0)1992 523 250
info@deltamembranes.com
www.deltamembranes.com

