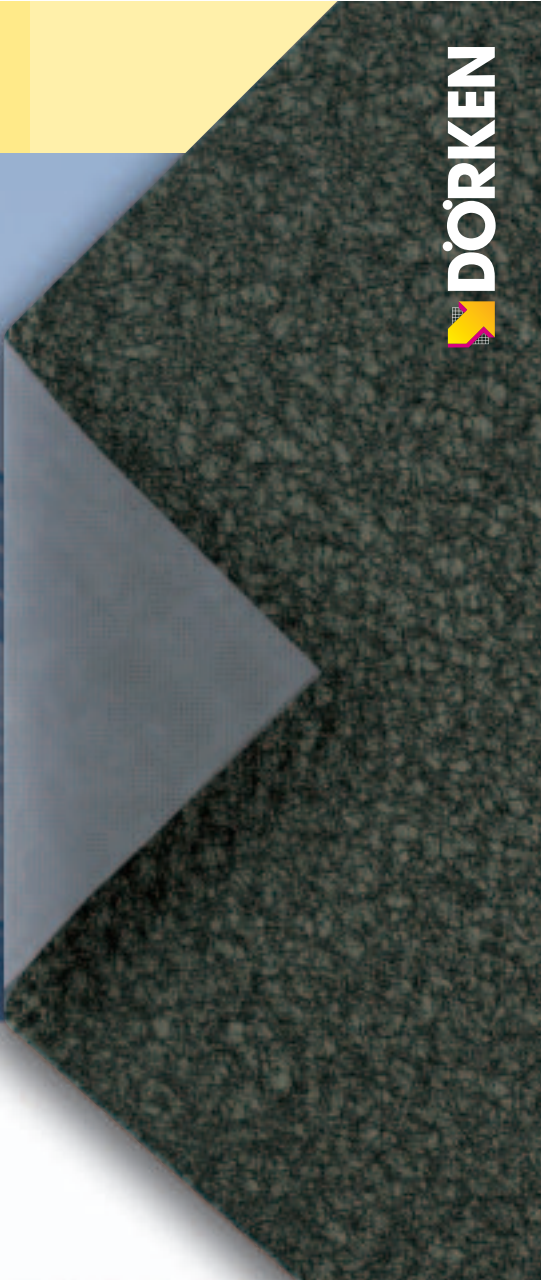


DELTA[®] protects property. Saves energy. Creates comfort.



DELTA[®]-TRELA

**The optimum underlay
for metal-clad roofs.**

For perfect protection against corrosion and moisture. Elastic, sound-absorbing breather membrane.



PREMIUM QUALITY

Also as DELTA[®]-TRELA PLUS, with integrated self-adhesive border.

■ Textured air-gap sheet

■ For most pitched metal-clad roofs

■ New construction refurbishment

**Need Optimum
Protection of Your
High-Quality Cladding?
Get It With
DELTA® System!**



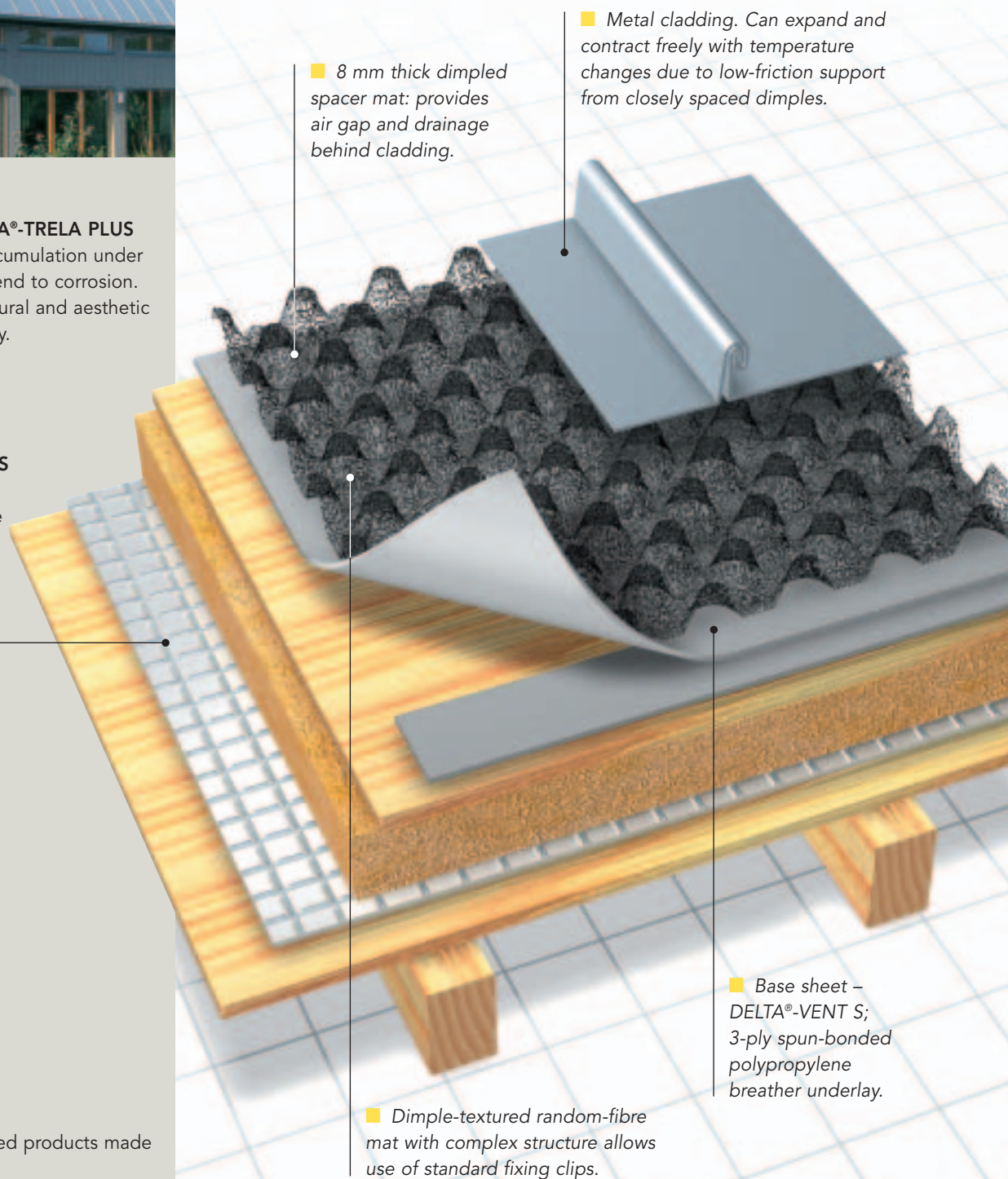
■ **Outside:**
DELTA®-TRELA/DELTA®-TRELA PLUS
Prevents moisture accumulation under metal roofs. Puts an end to corrosion. Protects the architectural and aesthetic value of your property.

■ **Inside:**
**DELTA®-REFLEX/
DELTA®-REFLEX PLUS**
Vapour barrier sheet. Provides 10 % increase in thermal insulation, 50 % heat reflection, 100 % barrier against air and vapour.

Preserve the Shiny New Look of Your Metal-Clad Roof:

DELTA®-TRELA

Prevents Moisture Build-Up. St



■ **8 mm thick dimpled spacer mat: provides air gap and drainage behind cladding.**

■ **Metal cladding. Can expand and contract freely with temperature changes due to low-friction support from closely spaced dimples.**

■ **Base sheet – DELTA®-VENT S; 3-ply spun-bonded polypropylene breather underlay.**

■ **Dimple-textured random-fibre mat with complex structure allows use of standard fixing clips.**

DELTA® quality branded products made by Dörken.



Simple and fast installation.

Permits expansion and contraction of cladding panes.

Nonslip dimple texturing, not damaged when walked on.

ops Corrosions. Absorbs Rainfall Noise.

DELTA®-TRELA ...

- ... is an elastic, air-gap textured breather sheet.
- ... can be used in most types of metal-clad pitched roofs and metal-clad walls.
- ... consists of a base sheet laminated with a 8 mm thick dimple-textured random-fibre mat.
- ... provides a permanent air gap under the cladding.
- ... drains off moisture.
- ... allows residual water vapour in rafters and sheathing to escape due to the high permeability (S_d value approx. 0.02 m) of the base sheet.
- ... reduces rain and hail pelting noise by up to 15 dB (certified by test report from Scientific and Technical Construction Centre, Brussels/ Belgium).
- ... has closely spaced dimple texturing for reduced friction, permitting free thermal expansion and contraction of cladding.
- ... can be installed in any direction required, e. g. at structural details.

DELTA®-TRELA PLUS with integrated self-adhesive border provides a faster windtight installation.



DELTA®-TRELA is the optimum air-gap sheet for high-quality metal roofs.

Why not profit from the DELTA® System?

Outside ...

... DELTA®-TRELA: the rugged air-gap/breather membrane composite. Protects immediately after installation and from there on out.

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®-TRELA

Technical Data Overview:

Base sheet	DELTA®-VENT S 3-ply, spun bonded polypropylene breather underlay.
Dimpled air-gap layer	Polypropylene random-fibre mat.
Dimple height	approx. 8 mm
Fire resistance	Class E (EN 13501-1)
S _d value	approx. 0.02 m
Roll covering width	1.40 m
Weight	approx. 380 g/m ²
Roll weight	approx. 17.1 kg
Roll size	30 m x 1.5 m

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

DELTA®-Accessories for DELTA®-TRELA.

Dörken makes your life easier – systematically.

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



DELTA®-PREN

Specially formulated mastic adhesive for sealing of overlap joints. Alternative: DELTA®-TRELA PLUS.



DELTA®-DICHTNAGEL

Galvanized wide-head nails with EPDM sealing gasket – included with every roll.



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."



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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 as PDF files for you to print out and save.