

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

DELTA[®]-TRELA

The Optimum Underlay For Metal-Clad Roofs.

- For perfect protection against corrosion and moisture.
- Waterproof and breathable membrane.
- Drains.
- Ventilates.
- Reduces rainfall noise.



PREMIUM QUALITY

■ Textured air-gap sheet

■ For all pitched metal-clad roofs

■ For new construction and re-roofing

Need optimum protection for your high-quality metal cladding? Get it with DELTA® System!



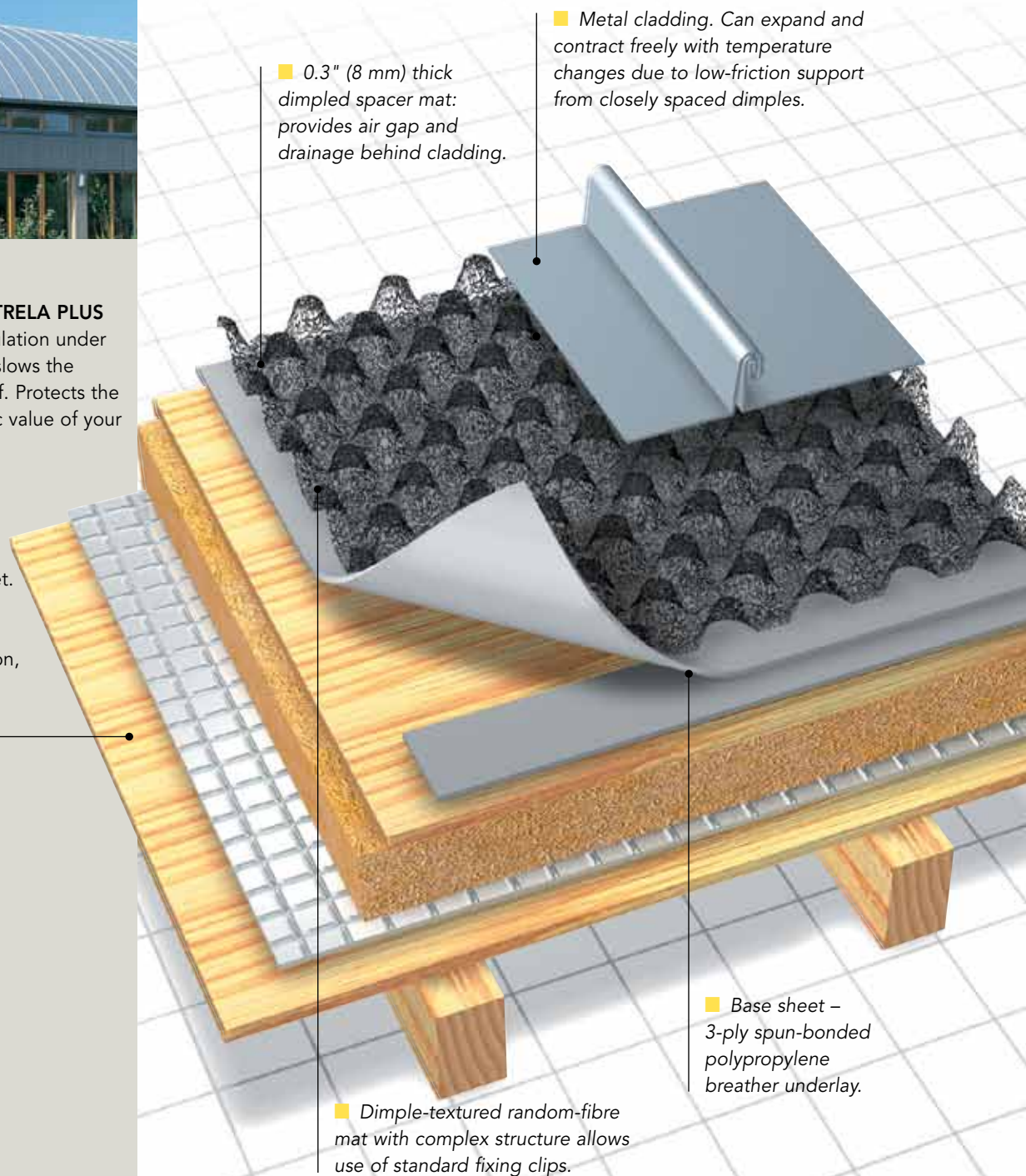
■ **Outside:**
DELTA®-TRELA/DELTA®-TRELA PLUS
Prevents moisture accumulation under metal roofs. Significantly slows the aging process of your roof. Protects the architectural and aesthetic value of your property.

■ **Inside:**
DELTA®-REFLEX
Air and vapor barrier sheet. Provides 10 % increase in thermal insulation, 50 % radiant heat reflection, 100 % barrier against air and vapor.

Preserve the sustainability and new look of your metal roof:

DELTA®-TRELA

Prevents Moisture Build-Up. Sto



■ 0.3" (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 – 3-ply spun-bonded polypropylene breather underlay.

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



Simple and fast installation.



Permits expansion and contraction of cladding panels. Non-slip dimple texturing, not damaged when stepped on.



ps Corrosion. Absorbs Rainfall Noise.

DELTA®-TRELA ...

- ... is an elastic, air-gap textured breather sheet.
- ... can be used in all types of metal-clad pitched roofs.
- ... consists of a base sheet laminated with an 0.3" (8 mm) thick dimple-textured random-fibre mat.
- ... provides a permanent air gap under the cladding.
- ... drains off moisture.
- ... allows residual water vapor in rafters and sheathing to escape due to the high permeability of the base sheet.
- ... reduces rain and hail pelting noise by up to 15 dB.
- ... 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.
- Certified by test report from Scientific and Technical Construction Centre, Brussels/Belgium.



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

DELTA®-TRELA PLUS with the integrated self-adhesive edge provides even more energy savings and faster wind-tight installation.



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 vapor barrier; 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, which you can find additional information about on the next page.

DELTA®-TRELA

Technical Data (typical values):

Base sheet	3-ply, spun bonded polypropylene breather underlay.
Dimpled air-gap layer	Polypropylene random-fibre mat
Dimple height	approx. 0.3" (8 mm)
ASTM E96 (Proc. B)	
Water Vapor Transmission	820 g/m ² 24h
Permeance	6850 ng/Pa/s/m ²
Perms	120 grains/h/ft ² /in Hg
Fire resistance	Class E (EN 13501-1)
Roll weight	approx. 37 lbs. (17.1 kg)
Roll size	98 ft x 4.92 ft (30 m x 1.5 m) 4.8 square

Due to variable weather and UV conditions, we recommend efficient covering of the roof underlayment.

DELTA®-Accessories for DELTA®-TRELA.

DELTA® System makes life easier with these 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®-SEALING NAIL

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. Can also 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 contractors:

"... 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 innovative products will be used in implementing my building enclosure plans in a systematic and forward-looking way."

COSELLA DÖRKEN
 Cosella-Dörken Products Inc.
 4655 Delta Way
 Beamsville, Ontario
 LOR 1B4
 (905) 563-3255
 Fax: (905) 563-5582
 1-888-4 DELTA 4
 info@cosella-dorken.com
 delta-trela.com

A company of the Dörken Group

The information printed in this brochure reflects product information and specifications at the date of printing. The manufacturer reserves the right to make changes when necessary.

■ Detailed installation instructions for all DELTA® products may be obtained from **cosella-dorken.com** as PDF files for you to print out and save.

DELTA® stands for quality products that you can trust
 - manufactured in-house by Dörken.