

DELTA®

DELTA® protects property. Saves energy. Creates comfort.

DÖRKEN

DELTA®-VENT S

The Smart Combination for Maximum Security.

3-Ply Underlay for Sheathed Roofs.
Breather Membrane – S_d Value of approx. 0.02 m.



Also as DELTA®-VENT S PLUS, with integrated self-adhesive border.

■ Sheathed roofing underlay

■ For fully insulated pitched roofs

■ New construction

STANDARD QUALITY

**Need Optimum
Thermal Insulation
on Your Pitched Roof?
DELTA® Has the Right
System!**



■ **Outside:**
DELTA®-VENT S/DELTA®-VENT S PLUS
DELTA®-VENT S is highly vapour-permeable (S_d value: approx. 0.02 m), allowing moisture within the roof to escape outside. It also prevents windblown snow and rain from penetrating the roof.

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

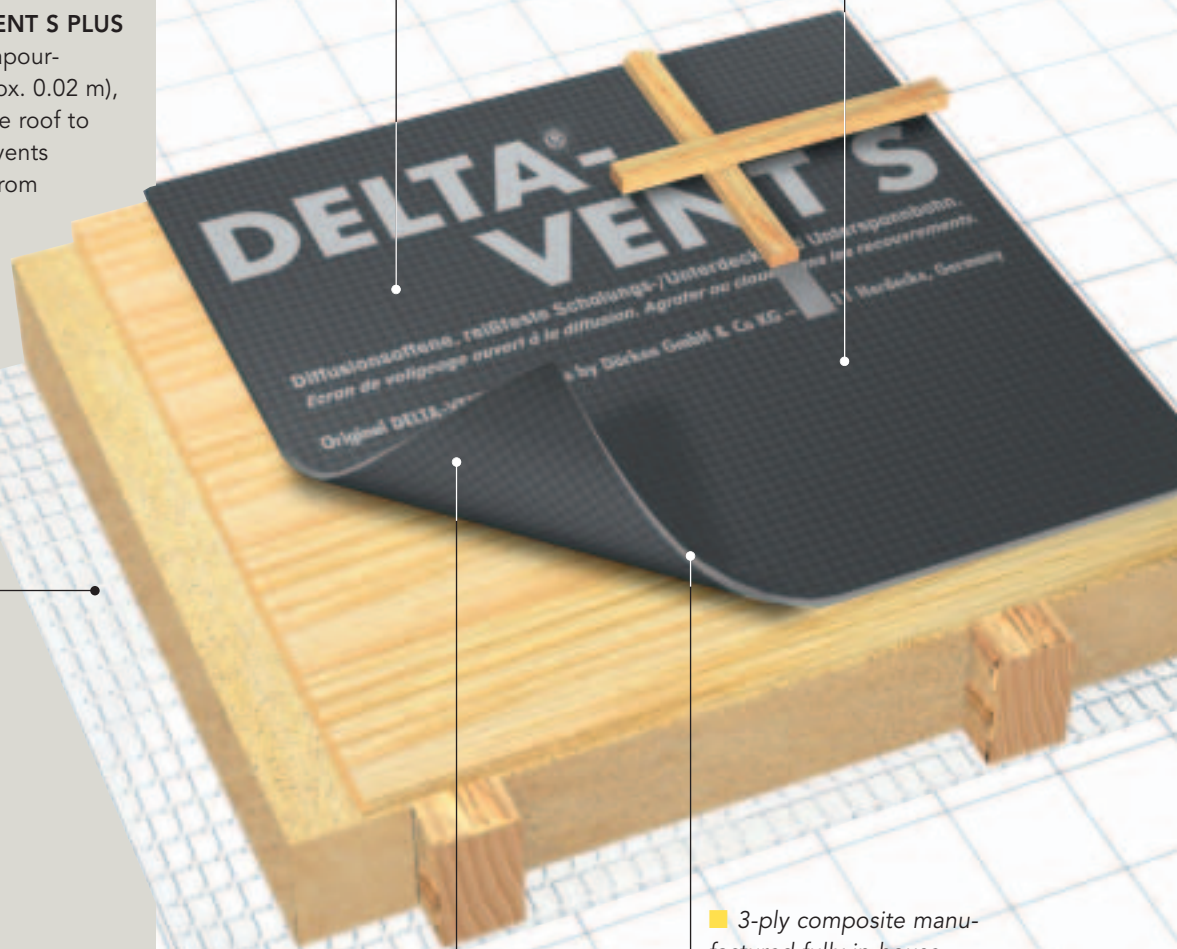
The Specialist for Pitched roofs:

DELTA®-VENT S

The Underlay for Outstanding

■ *Physically strong yet vapour-permeable – spun-bonded PP composite breather membrane.*

■ *Matte grey surface stops glare.*



■ *3-ply composite manufactured fully in-house.*

■ *Rugged nonwoven on lower surface.*

DELTA® quality branded products made by Dörken.



Wind-tight overlap seams with DELTA®-VENT S PLUS.

Product identification markings serve as guide for overlap edge.

Secure connections with DELTA®-THAN sealant.

Insulation in Sheathed Roofs.

DELTA®-VENT S ...

- ... is a strong spun-bonded polypropylene composite breather membrane.
- ... is laminated by a special ultrasonic welding process ensuring secure layer bonding.
- ... is extremely rugged and withstands rough treatment on the site.
- ... includes a fabric mat layer on lower side which protects against damage e.g. from roughly sawed sheathing.
- ... is matte grey in colour, preventing blinding glare.
- ... is lightweight – only 150 g/m² – making installation easy and safe.
- ... unrolls quickly and well aligned without skewing or buckles.
- ... is not damaged by normal site handling such as being pulled or walked on.
- ... is fire resistant Class E (EN 13501-1).

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



DELTA®-VENT S, the 3-ply composite, provides for secure and fast installation.

Why not profit from the DELTA®System?

Outside ...

... DELTA®-VENT S, the strong, installer-friendly roofing underlay for fully insulated pitched roofs with sheathing.

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®-VENT S

Technical Data Overview:

Material	3-ply, high-strength spun-bonded PP breather membrane.
Application	Roofing underlay for sheathed or non-sheathed roofs insulated to full rafter height.
Fire resistance	Class E (EN 13501-1)
Tensile strength	approx. 260/200 N/5 cm (EN 12311-1)
Watertightness	Watertight W 1 (EN 13859-1+2)
S _d value	approx. 0.02 m
Service temperature range	-40°C to +80°C
Weight	approx. 150 g/m ²
Roll weight	approx. 11 kg
Roll size	50 m x 1.5 m

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

DELTA®-Accessories for DELTA®-VENT S.

Dörken makes your life easier – systematically.

You are sure to appreciate these handy DELTA®-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®-THAN

Permanently elastic sealing compound for fixing and seam jointing of DELTA® sheet products. Also can be used to secure connections.

DELTA®-NAGEL-DICHTUNGSBAND

Impregnated foam sealing tape for making seals between sheathing membranes and counter battens.

DELTA®-FLEXX-BAND

Stretchable sealing tape for inner and outer connections to structural details such as skylights, dormer windows, ventilator exhaust pipes, cables etc.

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.de

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.