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.
DELTA® quality branded products made by Dörken.

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

The Specialist for Pitched roofs:

DELTA®-VENT S
The Underlay for Outstanding

- Matte grey surface stops glare.
- Outside: DELTA®-VENT S/DELTA®-VENT S PLUS
  DELTA®-VENT S is highly vapour-permeable (S\textsubscript{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.

DELTA®-VENT S/DELTA®-VENT S PLUS
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3-ply composite manufactured fully in-house.

Rugged nonwoven on lower surface.
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.

**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:

<table>
<thead>
<tr>
<th>Material</th>
<th>3-ply, high-strength spun-bonded PP breather membrane.</th>
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<tbody>
<tr>
<td>Application</td>
<td>Roofing underlay for sheathed or non-sheathed roofs insulated to full rafter height.</td>
</tr>
<tr>
<td>Fire resistance</td>
<td>Class E (EN 13501-1)</td>
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<tr>
<td>Tensile strength</td>
<td>approx. 260/200 N/5 cm (EN 12311-1)</td>
</tr>
<tr>
<td>Watertightness</td>
<td>Watertight W 1 (EN 13859-1+2)</td>
</tr>
<tr>
<td>Sd value</td>
<td>approx. 0.02 m</td>
</tr>
<tr>
<td>Service</td>
<td>-40°C to +80°C</td>
</tr>
<tr>
<td>Temperature</td>
<td>approx. 150 g/m²</td>
</tr>
<tr>
<td>Roll weight</td>
<td>approx. 11 kg</td>
</tr>
<tr>
<td>Roll size</td>
<td>50 m x 1.5 m</td>
</tr>
</tbody>
</table>

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.

... 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.”

DELTA® System ...

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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.