## DELTA®-NOVAFLEXX

**Variable-Sd vapour retarder for converting roofs from inside or outside**

DELTA®-NOVAFLEXX changes its Sd value with the humidity of the air. The polyamide sheet responds selectively to humidity fluctuations. In extreme cases, the Sd value may drop from its original level of 5m to 0.2m across the entire surface or in certain places. The density of the material changes with the air humidity. As the latter increases, DELTA®-NOVAFLEXX becomes more permeable, and its vapour diffusion resistance declines. The sheet reduces the risk of condensate forming in the construction. For an airtight roof refurbishment, add the DELTA®-MAXX PLUS energy-saver membrane on the outer surface of the insulation to DELTA®-NOVAFLEXX and you have a complete energy-saving roof.

Thanks to its highly robust and tear-resistant cloth, the installation of DELTA®-NOVAFLEXX is quick, safe, and cost-efficient. The new screen-printed surface supports precise and quick installation.

**Architects, builders, installers and investors:**

## DELTA®-NOVA FLEXX

- Sd variable
- Releases moisture Sd 0,2 m
- Vapour barrier Sd 5 m
- Long-term aging protection
- 100% air thigh

**DELTA® - technology**

BiCo TECHNOLOGY

“DELTA protects values, saves energy, and creates comfort.”

For DELTA membranes ask your local builder providers

For more information :

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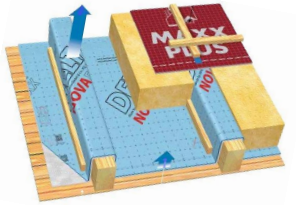
DELTA®

## DELTA®-NOVA FLEXX
**Airtight vapour barrier**

**The only Sd variable membrane with two applications**



✓ From inside



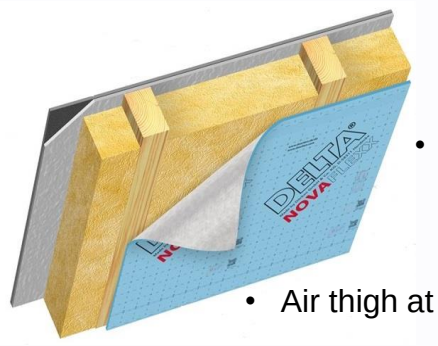

✓ From outside

100% MADE IN GERMANY

DÖRKEN

**Application of DELTA®-NOVAFLEXX**
For converting a roof from the inside.

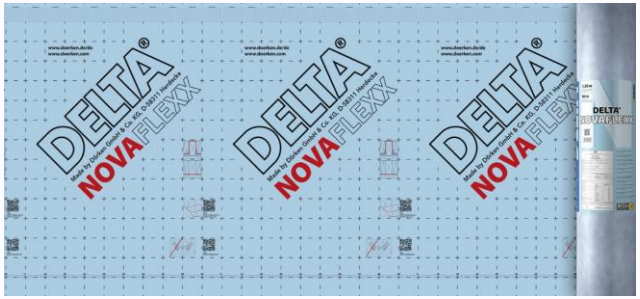
DELTA®-NOVAFLEXX may be installed either parallel with or across the rafters. Fix it easily and cost-efficiently with staples or clout nails. Overlaps of DELTA®-NOVAFLEXX are sealed with DELTA®-MULTI BAND . The DELTA®-TIXX cartridge adhesive may be used to make airtight connections between the sheet and smooth surfaces in gable walls, interior purlins, chimneys, etc. On rough walls, seams are made with DELTA®-KOM BAND and contact bars or with DELTA®-LIQUIXX .




- SD variable
- Air thigh at all the time



# DELTA®-NOVA FLEXX / PLUS




**Variable-Sd vapour retarder for converting roofs from inside and outside applications**

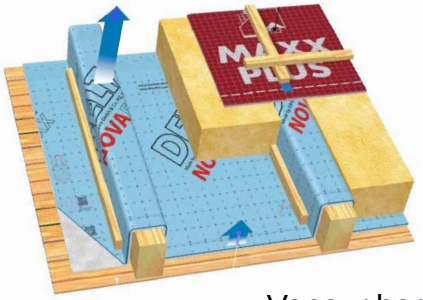
Sample here

- **Material** **Polyamide.**
- **Fire resistance Class** **E, EN 13501-1**
- **Tear strength approx.** **150/130 N/5 cm,**
- **Sd-Value approx.** **5 m in a dry conditions**
- **Sd-Value approx.** **0.2 m in a humid conditions**
- **Weight approx.** **90g/m²**
- **Roll size** **1,5m x 50m**

**Application of DELTA®-NOVAFLEXX**
For re-roofing or converting a roof from outside (above the rafters):

Remove the roof covering and the old insulation. Cover any nails or screws protruding from the interior lining with an insulation panel. Otherwise, attach DELTA®-NOVAFLEXX directly to the interior lining: roll out along the gutter and across the rafters and fill in the rafter spaces without putting tension on the material. Fix along the rafters with espalier laths. Sheet overlap: 10cm. Seal seams with DELTA®-MULTI BAND or DELTA®-THAN plus espalier laths. Cut insulation to rafter space width (+ 1cm) and put in.

- Permeable - releases moisture Sd 0,2 m




- Air thigh at all the time
- Vapour barrier Sd 5 m

