

## TECHNICAL DATA SHEET

### Eurovent **SPECIAL N**

The Eurovent SPECIAL N reinforced vapour barrier foil consists of polymer mesh coated on both sides, which ensures high tear resistance of the product. Used as a vapour barrier foil in building partitions, roofs, walls, ceilings, etc.



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m <sup>2</sup> /24h]	1
Reaction to fire	[class]	F
Temperature resistant	[°C]	-40 to + 80
Sd value	[m]	≥ 40
UV resistance	[month]	2*
Exposure time on UV	[week]	4
Mass per unit	[g/m <sup>2</sup> ]	ca. 110 (±30%)
Water tightness	[class]	W1
Tensile strength MD	[N/50 mm]	≥260 (+/- 100)
Tensile strength CD	[N/50 mm]	≥140 (+/- 100)
Elongation MD	[%]	17 (+/- 30)
Elongation CD	[%]	11 (+/- 30)
Tearing Resistance MD	[N]	≥100 (+/- 55)
Tearing Resistance CD	[N]	≥110 (+/- 55)
Color		white / white
Roll size	[m x rm]	1,5 x 50 = 75 m <sup>2</sup>
Pallet	[roll]	120

#### Advantages:

- Vapour-permeability • Tear resistant
- UV protection • Fast and easy installation

## Eurovent SPECIAL N

### Application:

The Eurovent SPECIAL N reinforced vapour barrier foil is designed to protect against the penetration of water vapour and moisture in ceilings, sloping and flat roofs and vertical wall structures. Installed in parallel or along rafters, directly on the thermal insulation. When installing it, it is strongly recommended to use Eurovent® DUO or Eurovent® UNO adhesive tape to connect further overlaps and to seal the places where the foil is joined to the roof construction elements.



### Installation recommendations / warranty:

Installation of the roof cover should be completed within 4 weeks after mounting the roofing membrane. Within 12 weeks of the installation, thermal insulation or attic blackout should be installed in the attic. The product is under warranty, providing that the guidelines contained in technical data sheet are being obeyed. We reserve the right to refuse a complaint recognition in case of not following these guidelines.

### Storage / transport:

The product should be stored in a dry place, under cover, free from moisture and UV radiation in original undamaged and closed package. Rolls should be transported in covered means of transport. They should be prepared for transport in a manner that protects them from damage and destruction. During transport safety regulations must be observed. The product should be protected from chemical agents, in particular solvent-based substances, as they can reduce technical parameters of foil or permanently damage it.

*\* UV stabilization even up to 2 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.*

*Contained information, advice and guidance is given based on our knowledge, researches, experience and in good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material will ensure in every possible way, including an examination of the final product in the relevant conditions, the suitability of supplied materials to achieve the objectives pursued by him.*

Product information can be found on the website: [www.eurovent.de](http://www.eurovent.de)

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