

## TECHNICAL DATA SHEET

### Eurovent **AKTIV FR**

The Eurovent AKTIV FR is three-layer active vapour control. Made of two layers of polypropylene nonwoven and functional film which controls the transfer of vapour towards the attic or towards the inside of the building and, if necessary, from the attic to the inside too. The active properties of the membrane consist in supporting moisture removal, which is not ensured by regular vapour barrier films. The membrane is available in the SYSTEM SK2 with two self-adhesive tapes



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m <sup>2</sup> /24h]	ca. 0,5
Reaction to fire		B-s1, d0
Time exposure	[°C]	-40 to +80/ +100**
Sd value	[m]	ca. 150
UV resistance	[month]	3*
Exposure time on UV	[week]	6
Mass per unit	[g/m <sup>2</sup> (±5%)]	ca. 150
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥255(+/- 50 N/50 mm)
Tensile strength CD	[N/50 mm]	≥200(+/- 50 N/50 mm)
Tear resistance MD	[N]	≥160 (+/- 30 N)
Tear resistance CD	[N]	≥160 (+/- 30 N)
Color		aluminium / black
Roll size	[m x m]	1,5 x 75 = 75 m <sup>2</sup> 3,0 x 50 = 150 m <sup>2</sup> (on order)
Pallet	[roll]	40

#### Advantages:

- Active vapour control • Tear resistance
- Heat reflection • Fast and easy installation

\* UV stabilization even up to 4 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.

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### Application:

The Eurovent AKTIV FR vapour control membrane is used in residential, industrial and frame construction as vapour control layer protecting the attic against excessive moisture penetration from the inside of a room to thermal insulation. It is perfect for attic insulation with cellulose insulation. Thanks to its active properties, it prevents, among other things, the effect of a „foil bag”, i.e. the formation of fungi and moulds in the attic as a result of excessive moisture. When installing it, it is strongly recommended to use the Eurovent®DUO adhesive tape to glue subsequent overlaps and to seal joints with the roof construction elements.



### Installation recommendations / warranty:

Installation of the roof cover should be completed within 6 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 solventbased substances, as they can reduce technical parameters of foil or permanently damage it.

### System SK2:

Membrane is available, on demand in SYSTEM SK2 based on two integrated self-adhesive tapes. This solution facilitates installation and guarantees proper sealing of overlaps. Two complementary tapes enable durable connection of membranes in all weather conditions: at high humidity, during strong winds, in the rain, at low temperatures, on a heavily soiled membrane's surface. To gain proper sealing of overlaps, use the line which is min. 10 cm from the membranes edge.



*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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