

TECHNICAL DATA SHEET

Eurovent **AKTIV ALU**

Three-layer aluminum vapour control. Made of polypropylene nonwoven, functional film and aluminum coating which enables reflection of heat rays towards the inside of the building. Unlike in case of vapour-insulation foils, active properties of the membrane which consist in variable Sd value allow to prevent condensation. Membrane is available in SYSTEM SK2 with two self-adhesive tapes.



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m ² /24h]	1-2 g/m ² /24h
Reaction to fire		E
Time exposure	[°C]	-40 to +80 / +100**
Sd value	[m]	ca. 40 m
UV resistance	[month]	2*
Exposure time on UV	[week]	4
Mass per unit	[g/m ² (±5%)]	ca. 110
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥200
Tensile strength CD	[N/50 mm]	≥120
Tear resistance MD	[N]	≥125
Tear resistance CD	[N]	≥170
Color		aluminium / beige
Roll size	[m x rm]	1,5 x 50 = 75 m ²
Pallet	[roll]	50

Advantages:

- Vapour control • Heat reflection
- Fast and easy installation • Tear resistance

* UV stabilization even up to 3 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.

** Limited time exposure.

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Application:

Membrane is designed for use as vapour control layer to protect thermal insulation against penetration of water vapour. Unique properties of the product allow for active regulation of vapour transfer preventing condensation and damage of wooden constructions resulting from thereof. Reflective surface of aluminum coating allows for reduction of heat loss. It is strongly recommended that the overlaps are tightly sealed with dedicated Eurovent tape.



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.

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

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