

TECHNICAL DATA SHEET

Eurovent **RFLEX**

The Eurovent RFLEX roof membrane, FOUR-layer, highly vapour-permeable, metallised, used for insulated and ventilated sloping roofs, also with full sarking. It is highly reflective – reflects heat rays. Suitable for roof coverings such as concrete, ceramic, metal roof tiles, aluminium sheets and slate. Available as an option with 2 self-adhesive tapes - SYSTEM SK2..



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m ² /24h]	ca. 3000
Reaction to fire		E
Temperature resistant	[°C]	-40 do +100 / +120**
Sd value	[m]	> 0,02 m
UV resistance	[months]	4*
Mass per unit	[g/m ² (±5%)]	ca. 160
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥330 (+/-90)
Tensile strength CD	[N/50 mm]	≥230 (+/-80)
Tear resistance MD	[N]	≥130 (+/-60)
Tear resistance CD	[N]	≥140 (+/-60)
Color		aluminium / gray
Roll size	[m x mb]	1,5 x 50 = 75 m ²
Pallet	[rolls]	40

Advantages:

- Highly reflective • UV resistant • Four-layer
- Tear resistant

* 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:

The Eurovent RFLEX roof membrane is designed for use as initial covering for insulated, ventilated sloping roofs, also when fully sarked. Preservation of venting slot between the membrane and the thermal insulation (mineral wool, fiberglass) is not required for installation – the product can be installed directly on thermal insulation. The final roof covering must be assembled with batten and counter-batten. Suitable for use in nearly all types of roof coverings – recommended for, ceramic, concrete, metal roof tiles, natural slate.

Installation of the roof cover should be completed within six weeks after mounting the roofing membrane. 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 membrane's 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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