

## TECHNICAL DATA SHEET

### Eurovent WALL PROTECT FR

The Eurovent WALL PROTECT FR is a three-layer, metallized windproof membrane. Made of a polypropylene nonwoven, functional film as well as of an aluminium layer which reflects 95% of radiation. The film ensures high water vapour permeability and watertightness of a product. The Eurovent WALL PROTECTFR protects façade constructions against wind, rain and moisture and is also highly fireproof. The membrane is available in the SYSTEM SK2 with two self-adhesive tapes on order.



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m <sup>2</sup> /24h]	ca. 144
Reaction to fire		B-s1, d0
Time exposure	[°C]	-40 do +100**
Sd value	[m]	ca. 0,14 – 0,18
UV resistance	[months]	4*
Mass per unit	[g/m <sup>2</sup> (±5%)]	ca. 150
Water-tightness		W2
Windproofness	[m <sup>3</sup> / m <sup>2</sup> /h/100Pa]	<0,06
Tensile strength MD	[N/50 mm]	≥300
Tensile strength CD	[N/50 mm]	≥200
Tear resistance MD	[N]	≥120
Tear resistance CD	[N]	≥120
Color		alluminium / black
Roll size	[m x mb]	1,5m x 75mb = 75m <sup>2</sup>
Pallet	[rolls]	50

#### Advantages:

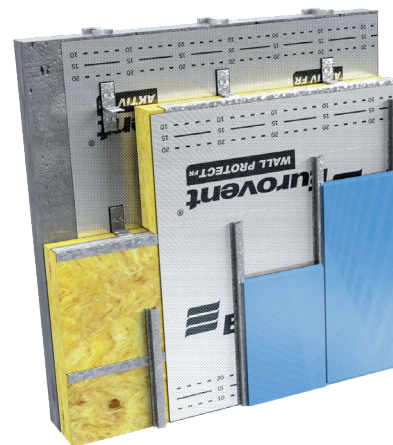
- Extremely resistant to UV radiation
- Increased flammability class-B-s1, d0
- Wind-barrier
- Watertight > 2000mm H2O

\* 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:

Application Eurovent WALL PROTECT wind insulation membrane is used in frame construction as insulation offrame and skeleton structures, as well as in log houses, elevations built in the siding system, residential buildings and industrial halls. The product does not require any venting slot between the membrane and thermal insulation (mineral wool, fibreglass), which means that the membrane may come into direct contact with the insulation. The product should not be used on insulated sloping roofs, where the use of roof membranes is recommended.



### 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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