

## TECHNICAL DATA SHEET

### Eurovent CLIMA

Eurovent CLIMA PLUS vapour control membrane, double-layered, active vapour-barrier with variable Sd-value. Made of a nonwoven polypropylene layer and a special functional film that allows small amounts of water vapour to migrate to the attic from the inside of the building and, if necessary, from the attic to the inside, which means that the product has a so-called vapour-barrier activity. The membrane is available in the SYSTEM SK2 with two self-adhesive tapes.



PARAMETER	UNIT	VALUE
Vapour-permeability	[g/m <sup>2</sup> /24h]	2-6 g/m <sup>2</sup> /24h
Reaction to fire		E
Time exposure	[°C]	-40 do +80 / +100**
Variable Sd	[m]	ca. 2-16
Sd value	[m]	ca. 10
UV resistance	[months]	2*
Mass per unit	[g/m <sup>2</sup> (±5%)]	ca. 85
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥160
Tensile strength CD	[N/50 mm]	≥120
Tear resistance MD	[N]	≥100
Tear resistance CD	[N]	≥100
Color		white
Roll size	[m x mb]	1,5 x 50 = 75 m <sup>2</sup>
Pallet	[rolls]	50

#### Advantages:

- Active vapour control • Variable Sd
- UV resistance • Fast and easy installation

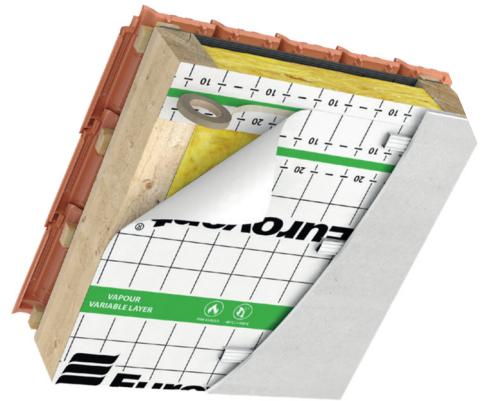
\* UV stabilization even up to 2 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.

\*\* Limited time exposure.

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### Application:

The Eurovent CLIMA vapour control membrane is used in residential, industrial and frame construction as a vapour control layer protecting the attic against excessive moisture penetration from the inside of a room to thermal insulation. Used in roof and wall construction too. 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. It protects structural timber from decay. 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.



### 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.



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

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