

## TECHNICAL DATA SHEET



### Eurovent **CLIMA 100**

Vapour-tight membrane composed of a polypropylene nonwoven layer and a special functional film. It is characterised by a high Sd-value, providing excellent vapour resistance. The functional film acts as a barrier against the diffusion of water vapour from the interior of the building towards the attic or wall, offering effective protection of the thermal insulation against condensation. Available on request in a version with two integrated self-adhesive strips – SK2 SYSTEM.

PARAMETER	UNIT	VALUE
Material		PP
Reaction to fire		E
Temperature Resistance	[°C]	-40 up to +80 / 100**
Sd value	[m]	ca. 100
UV resistance	[months]	4*
UV Exposure Time	[weeks]	4
Mass per unit	[g/m <sup>2</sup> (±5%)]	ca. 170
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥170
Tensile strength CD	[N/50 mm]	≥150
Tearing Resistance MD	[N]	≥150
Tearing Resistance CD	[N]	≥160
Color		white
Roll size	[m x mb]	1,5 x 50 = 75 m <sup>2</sup>
Pallet	[rolls]	50

\* 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 \*\* Limited time exposure.



## Eurovent CLIMA 100

**Application:** It is used in residential and industrial construction as a vapour control layer that protects the attic and wall structures from excessive moisture penetrating the thermal insulation from inside the building. Its specific properties help prevent the so-called “plastic bag effect”—the accumulation of moisture in the attic, which can lead to mould and mildew growth. It also protects structural timber against rot and biological degradation. During installation, it is essential to use Eurovent® DUO tape for sealing membrane overlaps and Eurovent® UNO tape for sealing joints with structural elements of the roof or wall.

**Installation recommendations / warranty:** Installation should be carried out using Eurovent® adhesive tapes to seal overlaps, repair, and secure areas where the membrane has been punctured (caused by staples, nails, or other mechanical damage). Punctured areas (damage) must be absolutely secured. Within 4 weeks of installation, the vapor control membrane must be protected from exposure to daylight (UV radiation). The product is covered by a warranty, provided the technical data sheet and installation instructions are strictly followed. The manufacturer reserves the right to refuse warranty claims if the provided guidelines are not followed.

**Safety:** The product is not intended for consumption. Avoid contact with eyes. In case of skin irritation, consult a doctor.

**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, especially solvent-based substances, as they may degrade its technical properties or cause permanent damage.

**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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