

## TECHNICAL DATA SHEET



### Eurovent **HOME**

Three-layer, highly vapour-permeable wind barrier membrane. Composed of two layers of polypropylene nonwoven fabric and a functional film. Provides excellent protection of building facades against wind, rain, and moisture. Designed for use in facade insulation systems in traditional, timber-frame, prefabricated, and CLT buildings, and is particularly recommended for modular construction. Available on request in a version with two integrated self-adhesive strips – SK2 SYSTEM.

PARAMETER	UNIT	VALUE
Material		PP nonwoven + CaCO <sub>3</sub> functional film
Vapour-permeability	[g/m <sup>2</sup> /24h]	ca. 3000
Reaction to fire		F
Temperature Resistance	[°C]	-40 up to +100
Air permeability	[m <sup>3</sup> /m <sup>2</sup> ·h·50Pa]	<0,006
Sd value	[m]	ca. 0,02
UV resistance	[months]	3*
UV Exposure Time	[weeks]	4
Mass per unit	[g/m <sup>2</sup> (±5%)]	ca. 80
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥135 (+/-15 %)
Tensile strength CD	[N/50 mm]	≥100 (+/-15 %)
Tearing Resistance MD	[N]	≥70 (+/-20 %)
Tearing Resistance CD	[N]	≥90 (+/-20 %)
Color		grey / white
Roll size	[m x mb]	1,5 x 50 = 75 m <sup>2</sup> 3 x 50 = 150 m <sup>2</sup>
Pallet	[rolls]	40

\* 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



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**Application:** It is used in traditional, timber-frame, prefabricated, and CLT buildings, and especially in modular construction, for insulating facade systems. The product does not require a ventilation gap between the membrane and the thermal insulation (such as mineral wool, glass wool, etc.), meaning it can be installed in direct contact with the insulation layer. The product must not be used on insulated pitched roofs, where dedicated roof membranes are recommended.

**Installation recommendations / warranty:** The final cladding must be installed within 4 weeks from the moment the wind barrier membrane is applied to the wall. The product is covered by a warranty, provided that all guidelines specified in the technical data sheet are strictly followed. The manufacturer reserves the right to reject warranty claims if these guidelines are not observed.

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

**Storage / transport:** The product must be stored in dry, covered areas, free from moisture and UV radiation, in its original, undamaged, and sealed packaging. Rolls must be transported using covered means of transport and prepared in a way that protects them from damage or destruction. During transport, all applicable transport safety regulations must be observed. The product must be protected from exposure to chemicals, especially solvent-based substances, as these may reduce the technical properties of the film 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)

Update date: 10/07/2025