

## TECHNICAL DATA SHEET



### Eurovent **VSTRONG**

Four-layer vapour-permeable roof membrane with exceptional tear resistance. Constructed from two layers of PP non-woven fabric, a reinforcing mesh, and a functional film that provides high vapour permeability and full water tightness. Available on request with two integrated self-adhesive strips – SK2 system. It contains special stabilising additives that allow for delayed installation of the final roof covering.

PARAMETER	UNIT	VALUE
Material		Nonwoven PP and PP mesh + functional film
Vapour-permeability	[g/m <sup>2</sup> /24h]	ca. 3000
Reaction to fire		E
Temperature Resistance	[°C]	-40 up to +100 / 120**
Sd value	[m]	ca. 0,02
UV resistance	[months]	3*
UV Exposure Time	[weeks]	4
Mass per unit	[g/m <sup>2</sup> (±10%)]	ca. 200
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥550 (+/-150)
Tensile strength CD	[N/50 mm]	≥450 (+/-150)
Tearing Resistance MD	[N]	≥450 (+/-100)
Tearing Resistance CD	[N]	≥430 (+/-100)
Color		anthracite / anthracite
Roll size	[m x mb]	1,5 x 50 = 75 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.. \*\*Limited time exposure.



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**Application:** It is used as an underlay for pitched, insulated, and ventilated roofs, including those with full boarding. It performs exceptionally well in roof and attic renovation projects using the “inverted installation method.” The product does not require a ventilation gap between the membrane and the thermal insulation (such as mineral wool, glass wool, etc.), which means the membrane can be installed in direct contact with the insulation layer. The final roof covering must always be installed over the membrane using battens and counter-battens. Suitable for use under almost all types of roofing materials, particularly ceramic tiles, concrete tiles, and metal roofing tiles. Ideally suited for traditional, timber frame, passive, and modular construction.

**Installation recommendations / warranty:** Installation of the roof cover should be completed within 4 weeks after mounting the roofing membrane. Within 12 weeks of the installation, thermal insulation or attic blackout should be installed in the attic. The product is under warranty, provided that the guidelines contained in the technical data sheet and the assembly instructions are followed. We reserve the right to refuse a complaint recognition in case of not following these guidelines.

**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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