

TECHNICAL DATA SHEET



**Eurovent MAXI R2**

Three-layer vapour-permeable roof membrane. Made of two layers of polypropylene nonwoven and functional film which ensures high vapour-permeability and water-tightness of the underlay. Increased resistance to tearing improves its performance. Product contains special stabilization additives which allow performing assembly of final roof covering with considerable delay. Membrane is available in SYSTEM SK2 with two self adhesive tapes.

CHARACTERISTICS	TEST METHODS	VALUE	UNIT
Length	NF EN 1848-1; NF EN 1848-2	50 (+0,5)	m
Width	NF EN 1848-1; NF EN 1848-2	1,5 (-0,5% +1,5%)	m
Straightness	NF EN 1848-1; NF EN 1848-2	passes	-
Mass per unit of area	NF EN 1848-1; NF EN 1848-2	160 ±15	g/m <sup>2</sup>
WATER TIGHTNESS PROPERTY			
Water penetration resistance new condition	NF EN 1928 Method A modified by NF EN 13859-1	W1	-
Water penetration resistance after ageing			
WATER VAPOUR TRANSMISSION PROPERTY			
Water vapour transmission property when new: Sd	NF EN ISO 12572/Climate E	0,02 (-0,005/ +0,03)	m
MECHANICAL PROPERTIES			
Tensile property -New condition	NF EN 12311-1 Modified by NF EN 13859-1	MD ≥330(-50/+80) CD ≥210(-10/+60)	N/50 mm
Tensile property - After ageing	NF EN 12311-1 Modified by NF EN 13859-1	MD < 30 CD < 30	%
Elongation property -New condition	NF EN 12311-1 Modified by NF EN 13859-1	MD ≤180 CD ≤180	%
Elongation property - After ageing	NF EN 12311-1 Modified by NF EN 13859-1	MD ≤ 60 CD ≤ 60	%
Resistance to tearing (on nail shank)	NF EN 12310-1	MD 180 (-30/+50) CD 240 (-80/+50)	N
Dimensional stability	NF EN 1107-2	≤2	%
Flexibility at low temperature	NF EN 1109	-40	°C
Shear strength of overlaps between lengths in new condition and after ageing	NF 12317-2	174±25	N/50 mm



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**Application:** Membrane is designed for use as initial covering for ventilated sloping roofs, also when fully sarked. Product is also suitable for application when conducting 'reverse renovation' works in roof and attic. Preservation of venting slot between the membrane and the thermal insulation (mineral wool, fiberglass) is not required for installation – product can be installed directly on thermal insulation. The final roof covering must be assembled with batten and counter-batten. Suitable for use in nearly all types of roof coverings recommended for cement and clay tiles as well as metal roofing.

**Installation recommendations / warranty:** Installation of the roof cover should be completed within 8 days 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, providing that the guidelines contained in technical data sheet are being obeyed. 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, 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.

*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: 24/03/2025