

TECHNICAL DATA SHEET



Eurovent **MAGNUM**

Anti-condensation, vapor-permeable roof membrane made of PET nonwoven fabric coated with polyurethane. It features exceptional tensile and tear strength not found in other products, along with a unique ability to absorb excess moisture into its bottom layer – the polyester fleece – and gradually release it outward. Available on request in a version with two integrated self-adhesive strips – SK2 SYSTEM.

PARAMETER	UNIT	VALUE
Material		PET + Polyurethane
Vapour-permeability	[g/m ² /24h]	ca. 300
Reaction to fire		E
Temperature Resistance	[°C]	-40 up to +100 / +120**
Sd value	[m]	ca. 0,15
UV resistance	[months]	4*
UV Exposure Time	[weeks]	8
Mass per unit	[g/m ² (±10%)]	ca. 210
Water-tightness		W1
Tensile strength MD	[N/50 mm]	≥400 (+/- 75)
Tensile strength CD	[N/50 mm]	≥300 (+/- 85)
Tearing Resistance MD	[N]	≥170 (+/- 30)
Tearing Resistance CD	[N]	≥200 (+/- 35)
Color		grey / anthracite
Roll size	[m x mb]	1,5 x 50 = 75 m ²
Pallet	[rolls]	40

* 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.



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Application: Used as a roofing underlay for pitched, insulated, and ventilated roofs, including those with full boarding. Thanks to its structure and durability, it is one of the few products on the market also recommended for use under natural slate. The product requires a ventilation gap between the membrane and the thermal insulation (e.g. mineral wool, glass wool), which means it must not be installed in direct contact with the insulation. The final roof covering must always be installed using battens and counter-battens. Suitable for use under almost all types of roofing materials, especially natural slate, ceramic tiles, concrete tiles, metal roofing tiles, aluminium sheets, and more.

Installation recommendations / warranty: Installation of the roof cover should be completed within 8 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

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