

TECHNICAL DATA SHEET



Eurovent DB

Vapour control membrane made of a single layer of polyethylene. It effectively blocks water vapour migrating from the interior of the building towards the attic. The material used provides high durability and resistance to weather conditions such as snow, rain, dust, and more.

PARAMETER	UNIT	VALUE
Material		PE
Reaction to fire		Class F
Temperature resistance	[°C]	-40 to + 80
Water vapour transmission (diffusion resistance)	[(m ² ·s·Pa)/kg]	Min. 1,2 x 10 ¹¹
UV resistance	[month]	Do 2
Thickness	[mm]	ca. 0,20
Width	[mm]	2000 - 12000 ± 5%
Straightness		Meets the requirements
Water tightness		W1
Joint strength lengthwise / crosswise		NPD
Tensile strength lengthwise / crosswise	[Mpa]	Min. 8 / min 6
Elongation at break lengthwise / crosswise	[%]	Min. 150 / min. 150
Tear resistance lengthwise / crosswise	[N]	Min. 40 / min. 40
Impact resistance		NPD
Durability after artificial ageing		Meets the requirements
Alkali resistance		NPD
Hazardous substances		Not applicable
Color		yellow
Roll size	[m x mb]	2 x 50 = 100 m ²
Pallet	[rolls]	80

* UV stabilization even up to 2 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 in residential and industrial construction as a vapour control membrane effectively protecting thermal insulation against the penetration of water vapour and moisture in building partitions, roofs, walls, and ceilings. It is also used as insulation and acoustic protection under floor finishes, e.g. under laminate flooring. Due to its mechanical properties, it can also serve as a protective film for building materials, window joinery, roof surfaces, or façades during installation and finishing works. For proper installation, it is essential to use Eurovent[®] UNO or Eurovent[®] DUO adhesive tape for bonding overlaps, and Eurovent[®] UNO tape for sealing connections with roof or wall structural elements.

Installation recommendations / warranty: Installation should be carried out using Eurovent[®] tapes for bonding overlaps, repairs, and sealing any perforations in the membrane (caused by staples, nails, or other mechanical damage). All punctures or damages to the membrane must be properly sealed. Within 2 weeks of installation, the vapour control membrane must be protected from daylight exposure (UV radiation). The product is covered by a warranty provided that all guidelines specified in the technical data sheet and installation instructions are strictly followed. The manufacturer reserves the right to reject warranty claims in case of non-compliance with 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 dry, covered areas, protected from moisture and UV radiation, in original, undamaged, and sealed packaging. It must be transported using covered means of transport. The product should be secured for transport in a way that protects it from damage and destruction. All applicable transport safety regulations must be observed. The product must be protected from exposure to chemical agents, especially solvent-based substances, as these may reduce its technical performance or cause permanent damage.

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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