

TECHNICAL DATA SHEET

Eurovent **DB**

Vapour barrier foil is made of a single layer of polyethylene. It effectively stops water vapour migrating from the interior of the building towards the attic. The material from which it is made provides high strength and resistance to weather conditions such as snow, rain, dust, etc.

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]	Up to 2
Thickness	[mm]	approx. 0.20
Width	[mm]	2000 - 12000±5%
Straightness		Meets requirements
Water resistance		W1
Strength of joint, longitudinal / transverse:		NPD
Tensile strength, longitudinal / transverse	[MPa]	Min. 8 / min. 6
Elongation at break, longitudinal / transverse	[%]	Min. 150 / min. 150
Tear resistance, longitudinal / transverse	[N]	Min. 40 / min. 40
Impact resistance		NPD
Durability after exposure to artificial ageing		Meets requirements
Resistance to alkalis		NPD
Dangerous substances		None
Colour		yellow
Roll size	[m x running m]	2 x 50 = 100 m ²
Pallet	[rolls]	80

* Odporność na UV nawet do 2 miesięcy wg laboratoryjnej symulacji sztucznego starzenia odniesionej do średniorocznych warunków ekspozycji słonecznej dla klimatu środkowoeuropejskiego. **krótkotrwała odporność temperaturowa.



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Application: Vapour barrier foil is used in residential and industrial construction as a vapour barrier layer that effectively protects thermal insulation against the penetration of water vapour and moisture in building envelopes, pitched roofs, flat roofs, walls and ceilings. It is also used as insulation and acoustic protection beneath floor finishes, for example laminate flooring. Owing to its mechanical properties, it can also be used as a protective film for construction materials, window joinery, roof slopes or façades during installation and finishing works. During installation, Eurovent® UNO or Eurovent® DUO adhesive tape must be used to bond successive overlaps, and Eurovent® UNO tape must be used to seal joints with roof or wall structural elements.

Installation recommendations / warranty: Installation should be carried out using Eurovent® tapes for bonding overlaps, repairs and protecting points where the film is punctured (by staples, nails or other mechanical damage). Punctures and damaged areas in the film must be protected. Within 2 weeks of installation, the vapour barrier film must be shielded from daylight (UV radiation). The product is covered by a warranty provided that the guidelines in the technical data sheet and installation instructions are strictly observed. The manufacturer reserves the right to reject a complaint if these guidelines are not observed.

Safety instructions: The product is not intended for consumption. Avoid eye contact. If skin irritation occurs, consult a doctor.

Storage / transport: Store the product in dry, covered rooms, protected from moisture and UV radiation, in the original, undamaged and sealed packaging. Transport the product in covered vehicles. Prepare it for transport so that it is protected against damage and destruction. Observe transport-safety regulations during transport. Protect the product from chemical agents, especially solvent-based substances, as they may reduce its technical performance or permanently damage it.

The information, recommendations and guidance are provided in good faith, based on our best knowledge, research and experience. We accept no liability for the consequences of improper or incorrect use of our products. Every user of this material must determine, by every possible means, including testing the finished product under appropriate conditions, whether the supplied materials are suitable for the intended purpose.

Product information is available on the website: www.eurovent24.com

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