

TECHNICAL DATA SHEET

Eurovent DS BLAU



The Eurovent® DS BLAU vapour barrier film features a high Sd value, providing an effective barrier against water vapour migrating from the interior of the building into the thermal insulation. It eliminates the risk of vapour condensation within building partitions, thus offering effective protection for thermal insulation. Thanks to its high tear resistance, it ensures long-term durability. It is widely used as a vapour control layer in the insulation of attics, walls, ceilings, and other building partitions.

PARAMETER	UNIT	VALUE
Material		LDPE (low-density polyethylene)
Reaction to fire		E
Water tightness	EN 13984:2013	Water tightness at 2 kPa
Thickness	[mm]	ca. 0,20
Sd value	[m]	ca. 100
Mechanical properties under tensile stress:		
- Longitudinal tensile strength (MD)	EN 13984:2013	NPD
- Transverse tensile strength (CD)		NPD
- Longitudinal elongation (MD)		NPD
- Transverse elongation (CD)		NPD
Tear resistance (MD)	EN 13984:2013	≥ 80 N
Tear resistance (CD)		≥ 80 N
Roll size	[m x mb]	2 x 50 = 100 m ² 4 x 25 = 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 barrier film that effectively protects thermal insulation from the penetration of water vapour and moisture in building partitions, roofs, walls, and ceilings. It is installed either parallel or along the rafters, directly on top of the thermal insulation. During installation, it is essential to use Eurovent[®] UNO or Eurovent[®] DUO adhesive tape for bonding overlaps, and Eurovent[®] UNO tape for sealing joints 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). It is essential to properly seal all punctures or damages to the membrane. Within 2 weeks of installation, the vapour barrier film must be protected from exposure to daylight (UV radiation). The product is covered by a warranty provided that all guidelines specified in the technical data sheet and installation manual are strictly followed. The manufacturer reserves the right to reject warranty claims in case of non-compliance with the provided instructions.

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, free from moisture and UV radiation, in original, undamaged, and sealed packaging. It must be transported using covered means of transport. The product should be prepared for transport in a way that protects it from damage or destruction. During transport, 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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