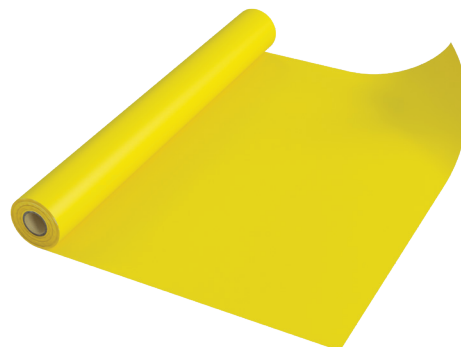


TECHNICAL DATA SHEET

Eurovent DB

Vapour insulation foil. Made of low-density polyethylene (LDPE) which effectively protects against transfer of vapour from the inside of the building towards the thermal insulation. Material is characterized by increased resistance to adverse weather conditions such as snow, rain and dust.



| PARAMETER | UNIT | VALUE |
|--|-----------------------------|---------------------------------|
| Material | | Low-density polyethylene (LDPE) |
| Thickness | [mm] | ca. 0,15; 0,20 |
| Width | [mm] | 2000 - 12000 ± 5% |
| Straightness | | Meets requirements |
| Water-tightness at 2 kPa | | Meets requirements |
| Water vapor penetration (diffusion resistance) | [(m ² ·s·Pa)/kg] | Min. 1,2 x 10 ¹¹ |
| Impact resistance | | npd |
| Joint strength MD / CD: | | npd |
| Tensile strength MD / CD | [Mpa] | Min. 8 / min 6 |
| Elongation at break MD / CD | [%] | Min. 150 / min. 150 |
| Tear resistance MD / CD | [N] | Min. 40 / min. 40 |
| Persistence after exposure to artificial aging | | Meets requirements |
| Alkali resistance | | npd |
| Reaction to fire | | Class F |
| Temperature resistance | [°C] | -40 to + 80 |
| Dangerous substances | | None |
| UV resistance | | Up to 2 months |
| Colour | | Yellow |
| Roll size | [m x rm] | 2 x 50 = 100 m ² |
| Pallet | [roll] | 80 |

Advantages:

- Vapour-insulation • Tear resistance
- Fast and easy application • UV resistance

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Application:

Foil is primarily used as insulation layer which controls the level of vapour in constructions of walls, floors, roofs and ceilings. Product is also recommended for application as insulation and acoustic protection with floor finishing material such as for example floor panels. Mechanical properties make it suitable for use as protective foil during finishing works in the areas of windows, roofs and facades.



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.

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

Update date: 11/2021