

TECHNICAL DATA SHEET

Eurovent STANDARD ALU

Aluminum vapour insulation foil. Made of polymer foil, PE mesh and coated with a layer of aluminum which ensures increased resistance to tearing and allows for reflection of heat rays. Product effectively protects against penetration of vapour.



| PARAMETER | UNIT | VALUE |
|---------------------|-------------------------|-----------------------------------|
| Vapour-permeability | [g/m ² /24h] | ok. 0,1 |
| Reaction to fire | [class] | E |
| Time exposure | [°C] | -40 to + 80** |
| Sd value | [m] | about 150 |
| UV resistance | [month] | 2* |
| Exposure time on UV | [week] | 4 |
| Mass per unit | [g/m ²] | ca. 90; 110; 130; 150; 180 (±30%) |
| Water-tightness | [class] | W1 |
| Tensile strength MD | [N/50 mm] | ≥180 (+/- 50) |
| Tensile strength CD | [N/50 mm] | ≥90 (+/- 50) |
| Tear resistance MD | [N] | ≥70 N |
| Tear resistance CD | [N] | ≥65 N |
| Color | | gray / gray |
| Roll size | [m x rm] | 1,5 x 50 = 75 m ² |
| Pallet | [roll] | 120 |

Advantages:

- Vapour-insulation • Heat reflection
- Fast and easy installation • Tear resistance

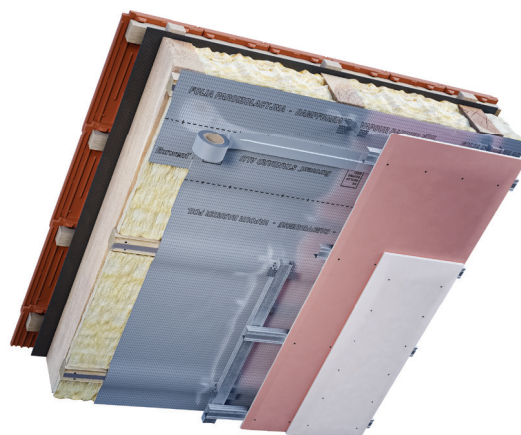
* UV stabilization even up to 3 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.

** Limited time exposure.

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Application:

Foil is primarily used as vapour barrier in constructions of walls, floors, attics, ceilings and roofs. Product is also suitable for application as acoustic and insulating layer with floor finishing materials such as for example floor panels. It is strongly recommended that the overlaps are tightly sealed with dedicated Eurovent tape.



Installation recommendations / warranty:

Installation should be carried out using Eurovent® tapes for gluing overlaps, repairs and securing puncture sites (caused by staples, nails, other mechanical damage). It is essential to secure puncture sites (damage). Within 2 weeks of installation, the vapour barrier foil should be protected from the effects of daylight (UV radiation).

The product is covered by warranty provided that the guidelines contained in the technical data sheet are strictly observed. The manufacturer reserves the right to refuse to accept a complaint in the event of non-compliance with the guidelines presented.

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

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