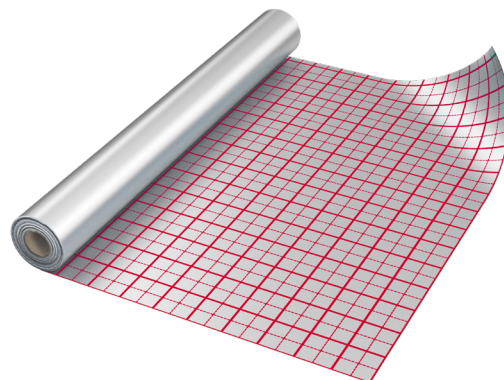


TECHNICAL DATA SHEET

**Eurovent ALUFLOOR**

The foil for underfloor heating thermal insulation, metallized on onside. Recommended for use as thermal insulation below floor heating systems and floorpanels as well as a insulation layer under and behind various heating elements. Effectively protects against penetration of vapour and reflects heat rays. Special grid printing over the entire surface of the foil allows for faster and easier installation of the heating system.



PARAMETER	UNIT	VALUE
Material		polypropylene; polyethylene
Vapour-permeability	[g/m <sup>2</sup> /24h]	0,6
Reaction to fire	[class]	F
Temperature resistance	[°C]	-40 to + 80
Sd value	[m]	ca. 70
UV resistance	[month]	2*
Mass per unit	[g/m <sup>2</sup> ]	ca. 110 (±20%)
Water-tightness		Waterproof at 2 kPa
Water vapor diffusion resistance	[m <sup>2</sup> s Pa/kg]	1,55*10 <sup>11</sup>
Impact resistance	[mm]	150
Bending resistance		No changes at -30°C
Artificial aging resistance		Watertight after artificial aging
Content of hazardous substances		Do not contain
Color		Silver
Roll size	[m x rm]	1,0 x 50 = 50 m <sup>2</sup>
Pallet	[rolls]	120

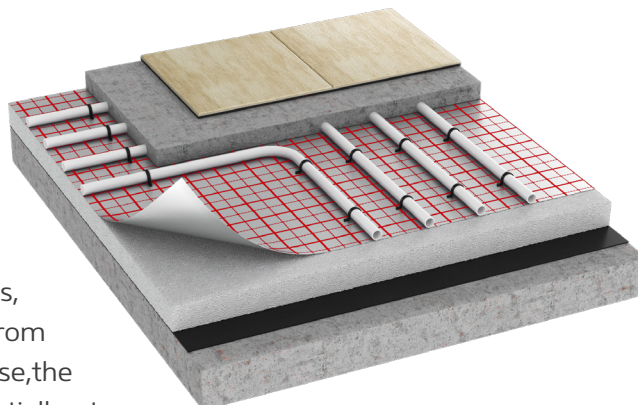
**Advantages:**

- Vapour insulation • Tear resistance
- Flexible and easy installation • Waterproof
- Increases efficiency and speeds up response time underfloor heating system

## Eurovent ALUFLOOR

### Application:

The foil for underfloor heating Eurovent ALUFLOOR is designed for use as insulating layer in floors, especially when installing the floor heating systems. Installed directly on styrofoamboards, the foil protects them against transfer of vapour from the concrete slab. When the floor heating system is in use, the product effectively reflects heat rays preventing potential heat loss. The foil is suitable for application as heat shield when fitted with heating elements of rooms, e.g. radiators, and as a vapour barrier foil for the installation of floor panels.



### Storage / transport:

The product should be stored under roof in dry, damp-free rooms, protected from direct UV radiation. Product can be deformed, disfigured or suffer from damages of galvanized/paint coating if put under high pressure. Therefore it is unadvised to stack the product with other heavy products (both in storage and in transport). It is recommended to transport the product with use of covered means of transport, in manner that protects them from damage. During the transport safety regulations have to be observed. The product should be protected from chemical agents, in particular solvent-based substances, as they can reduce technical parameters of the product or permanently damage it.

The product is under warranty, providing that the guidelines included in technical data sheet are being obeyed. We reserve the right to refuse a complaint recognition in case of not following these guidelines.

*\* 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.*

*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](http://www.eurovent.de)

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