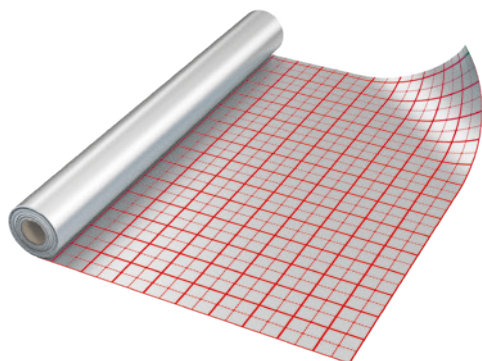


TECHNICAL DATA SHEET

Eurovent **ALUFLOOR**

The Eurovent® ALUFLOOR underfloor heating film is a thermal insulation film, metallised on one side. It is recommended as an insulating layer under underfloor heating systems and floor panels, as well as an insulation layer beneath and behind heating elements. It effectively blocks water vapour and reflects thermal radiation. A specially printed grid over the entire surface of the film facilitates the installation of the heating system.

PARAMETER	UNIT	VALUE
Material composition		LDPE, PP, metallised polypropylene film
Water vapour permeability	[g/m ² /24h]	0,6
Reaction to fire	[class]	F
Temperature resistance	[°C]	-40 to + 80
Sd value	[m]	ca. 70
UV resistance	[month]	2*
Basis weight	[g/m ²]	ca. 110 (±30%)
Watertightness		Watertight at 2 kPa
Water vapour diffusion resistance	[m ² s Pa/kg]	1,55*10 ¹¹
Impact resistance	[mm]	150
Flexural resistance		No changes at -30°C
Resistance to artificial ageing		Watertight after artificial ageing
Content of hazardous substances		Does not contain
Colour		silver / silver
Roll size	[m x rm]	1,0 x 50 = 50 m ²
Pallet	[rolls]	120



TECHNICAL DATA SHEET

Eurovent **ALUFLOOR**

Application: For use in hydronic underfloor heating systems (under and behind heating elements), for protecting polystyrene boards against moisture from screed, in renovation works aimed at improving the energy efficiency of buildings, under screeds on standard floors, as an effective barrier against vapour and moisture. During operation of underfloor heating, it effectively reflects thermal radiation back into the room, reducing potential heat losses.

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 its original, undamaged and sealed packaging. The rolls should be transported using covered means of transport and prepared in a manner that protects them against damage and destruction. During transport, applicable transport safety regulations must be observed. The product should be protected against contact with chemical agents, in particular solvent-based substances, as they may reduce the technical performance of the film or permanently damage it.

The product is covered by a warranty provided that the guidelines included in the technical data sheet are strictly followed. The manufacturer reserves the right to reject warranty claims in the event of non-compliance with the stated guidelines.

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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