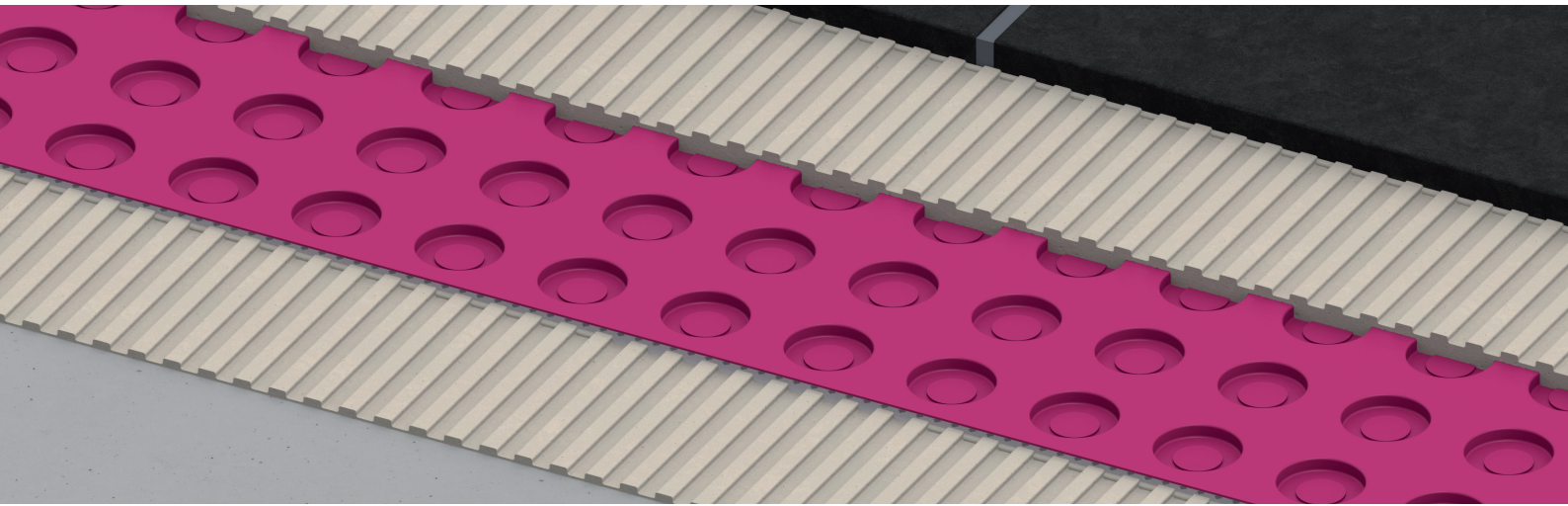


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ISOLATION MAT AG EK 30

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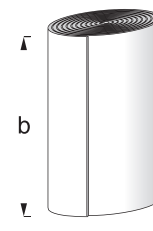


SEALING – ISOLATING – DRAINING

With alferground you can isolate coverings from the substrate and seal them against moisture. Tensions are bypassed, thus avoiding the formation of cracks. The 3-dimensional HDPE plastic mats with under-side fleece find application in indoor and outdoors areas. The mats are perfect for laying directly on the screed, even when the concrete isn't fully hardened. Ideal for wooden or mixed substrates. Also suitable for underfloor heatings.

MAGENTA

PLASTIC
HDPE

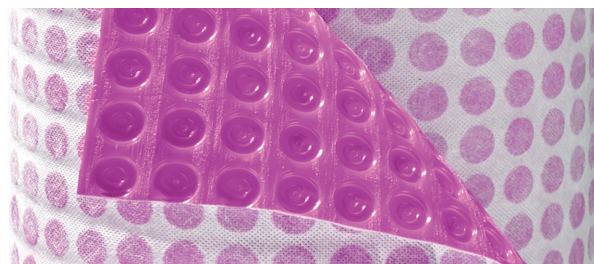


TECHNICAL SPECIFICATIONS

Mat thickness: approx. 3 mm
Material: Plastic HDPE
Weight: approx. 570g/m²
Roll width: 1 m
Roll length: 30 m

All information is approximate. Since we can not assume liability for special applications, a corresponding suitability test must always be carried out by the customer.

MATERIAL: PLASTIC HDPE



PROCESSING

The thin-layer mortar must be applied with a suitable spatula (a 4x4mm notched trowel is recommended). The choice of adhesive depends on the respective underlying: you can choose between a flexible hydraulic mortar or a quick setting mortar (DIN EN 12004/C2). The technical data sheets of the adhesive manufacturer must be observed. The isolation mats are pressed evenly using a suitable tool, the fleeced surface facing the adhesive layer. The joining points of the mats are covered with the sealing strip. The tile laying (thin layer mortar method) can be started immediately after laying the sealing mat. If it is necessary to start immediately with the laying of the tiles, it is advisable to spread the adhesive in the cavities of the mat and comb the mortar thinly in a single step. A full bonding of the tiles must be ensured. Minimum tile size: 50x50mm. Lower thickness tiles don't provide adequate durability in these settings because there is a high risk of breakage.

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Physical values	Standard	Value	Tolerance
Weight	DIN EN ISO 9864	570g/m ²	± 50g/m ²
Thickness at 2 kPa	DIN EN ISO 9863-1	3,25 mm	± 1 mm
Tensile strength MD/CMD	DIN EN ISO 10319	8/8 kN/m	- 2 kN/m
Elongation at max load MD/CMD	DIN EN ISO 10319	33%	- 3%
Pull out (28 days, cement glue, room temp)	DIN EN 1348	0,25 N/mm ²	± 0,15 N/ mm ²

DELIVERY FORM

Die isolation mat is available in size
1 m width x 30m length
(see catalog).

PACKING UNIT

Pieces = 1 roll, pallet = 6 rolls

SCOPE OF APPLICATION

Suitable for installation in damp and wet rooms, indoors and outdoors. Processing within 24 months from date of shipment.

SPECIFICATIONS

- Quick and simple processing
- Maximum laying safety
- Ideal for renovation measures
- Protects against crack formation in top covering
- High shear elasticity

STORAGE AND TRANSPORT

The sealing sheet should be protected against external impact and abrasion. Store dry and at room temperature, protect from direct sunlight.

DISPOSAL

The isolation mat can be supplied to plastic recycling.

SPECIAL NOTE

Warranty and disclaimer

The application examples and tips shown in this data sheet and on our website are guidelines based on conventional crafting techniques. All information, including product-related information is standard. The author excludes any warranty for the information given in the data sheet and on the website. For the usability of products for specific purposes and for the occurrence of damage or the occurrence of defects by the information or tips given here, no warranty is also accepted. Errors, misprints and technical changes - as far as they serve the progress - reserved. Photos and illustrations are not binding. No liability for printing and image defects. Imitation and reprinting, even in part, is not permitted.

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