

Mineralwolle-Dämmplatte HD 040

Mineral wool insulation boards for alsecco facade systems



AREAS OF APPLICATION

Fireproof mineral wool insulation boards for bonded and mechanically fixed alsecco facade insulation systems

PRODUCT PROPERTIES

- Area of application according to DIN 4108-10: WAP-zh
- Approved according to the Ordinance on Hazardous Substances (GefStoffV), List of Prohibited Hazardous Substances (ChemVerbotsV and EU Directive 97/69 (note Q))
- Quality controlled according to DIN EN 13162 and general approval by building authorities
- Great tensile strength
- Insulation board according to DIN EN 13162 - T5-DS(70,-)-CS(10)40-TR15-WL(P)-MU1
- Fireproof

TECHNICAL DATA

Fire behavior	A1 according to DIN EN 13501
Thermal conductivity λ	Rated value: 0,040 W/(mK) in accordance with DIN 4108-4
Dimensions	800 mm x 625 mm
Thickness	40 - 200 mm
Melting point	≥ 1000 °C
Tensile strength at right angles to board (to DIN EN 13163)	≥ 15 kPa
Water vapour diffusion resistance μ	approx. 1 according to DIN EN 12086
Density	approx. 120 kg/m ³
Coatings	Reinforcement side: coated white Adhesive side: uncoated

APPLICATION INSTRUCTIONS

Substrate pre-treatment	Pretreat substrates according to the application instructions for the adhesive.
Application as insulating material	<p>Depending on the substrate, bond with respective system adhesive mortar according to the bead-spot method or buttering-floating method (ensuring an adhesive surface of at least 40%). Adhesive application on the uncoated side of the insulation board</p> <p>Installation in stretcher bond formation offset by at least 10 cm. Interlock insulation material on building corners.</p> <p>Butt insulation boards together.</p> <p>Do not apply any adhesive to butt or bed joints.</p> <p>Butt joints on insulation boards may not be above the connection zones of different components (e.g. ring beams, roller shutter boxes, element joints). Here, the insulation material should bridge a space of at least 10 cm and be supported on both sides by means of a reliable bond.</p> <p>Seal open joints between the insulation boards with filling foam B1 for joint widths up to a max. of 5 cm, seal larger joints using insulating strips</p> <p>mineral wool insulation boards according to the approval for the insulation material by the building authorities. The anchoring of the boards can take place depending on the application circumstances and plug type either on the surface and joint or only on the surface.</p> <p>Recessed anchoring is possible with a minimum insulation thickness of 80 mm.</p>
Informations	<p>The insulation material is not suitable for the incorporation of spiral plugs and mounting elements such as DoRondo-PE mounting cap or ZyRillos mounting cylinder, which are solely adhered to the insulation material. Components can only be fixed using corresponding mounting elements in insulation thickness.</p> <p>Unrendered insulation boards on the facade must be protected against moisture and coated with reinforced undercoat render as soon as possible.</p> <p>Do not install damaged insulation boards.</p>

STORAGE

Dry, protected against moisture.

PACKAGING INFORMATION

Colour	Reinforcement side: white Adhesive side: braun-yellow
Packaging unit	Please also refer to the current product range

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Waste code	17 06 04(class II waste disposal, household and construction waste disposal)

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

