

Dämmkleber MK

Mineral adhesive for the fixing of insulation boards



AREAS OF APPLICATION

Bonding of mineral wool, polystyrene and cork facade insulation boards on mineral substrates.

Not suitable for bonding extruded polystyrene (e.g. Jackodur, Roofmate).

Do not use as a reinforcing compound.

PRODUCT PROPERTIES

- Highly water-vapour permeable
- Strong adhesive power and green adhesion
- High level of stability
- Economical due to machine processing

TECHNICAL DATA

Indicated fixed values represent average values, which can slightly vary from delivery to delivery due to the application of natural raw materials.

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| Binder base | Mineral binding agent according to DIN EN 197-1 Resin dispersion powder |
| Apparent density of set mortar | approx. 1,7 g/cm ³ according to DIN EN 998-1 |
| Adhesive pull strength | ≥ 0,08 N/mm ² according to DIN EN 998-1 |
| Adhesive pull strength on polystyrene | ≥ 0,1 N/mm ² |
| Adhesive pull on concrete | approx. 1,0 N/mm ² |
| Fire behavior | A2-s1, d0 according to DIN EN 13501 |
| Water absorption | Class W ₂ according to DIN EN 998-1 |
| Compressive strength | Class CS IV according to DIN EN 998-1 |

APPLICATION INSTRUCTIONS

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| Preparation | Mask window sills and attachment parts. |
| Substrate pre-treatment | All substrates must be stable, dry, level (DIN 18202 or 18203), clean and free of any residue, which can reduce adhesiveness. Pretreat highly absorbent substrates with Hydro penetrating primer. |
| Mixing | 25 kg of material (one sack) in approx. 5,0 l of water Mix with electric mixer or compulsory mixer. Do not mix more material than can be used within 2 hours. |
| Application | Before applying Dämmkleber MK, apply a coat over the adhesive area of the mineral wool boards. Use the spot-and-bead or ridged-bed method for bonding. Minimum bonding area: 40% The areas where the insulation boards abut must remain free from adhesive. Never use adhesive, only insulating strips or PU foam filler, to fill the joints between the insulation boards. Arrange the insulation in an offset pattern and push close together so that they abut. |

Spot-and-bead method

Apply a bead all round the edge of the board at an angle so that no adhesive is pressed into the horizontal or vertical joints when the boards are placed in position.

Apply 3 - 6 spots of adhesive for each 0.5 m² of insulation board.
Never fix the insulation boards using spot-bonding only.

Ridged-bed method

Only apply to level substrates.

Place the insulation boards on top of the substrate and fix in position immediately after the adhesive has been applied.

Applying the adhesive by machine

Use a suitable mortar pump and adhesive applicator gun to apply the material to the back of the insulation boards.

When using Speed Wall lamella insulation boards, apply the adhesive directly to the wall. Comb the adhesive through with a notched trowel before applying the insulation boards.

Once the adhesive has been applied, place the insulation boards on top of the substrate and fix in position.

Please note

Please refer to the product data sheet of the relevant insulating material if you deviate from the standard bonding procedure!

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| Consumption | approx. 4,5 - 6,0 kg/m ² Determine the precise material requirements by means of a trial coating on the object. |
| Information about the weather | Temperatures cannot fall below +3 °C during application and drying. |
| Drying time | approx. 1 - 3 days. Dependent on temperature and relative humidity. |
| Cleaning of tools | In a fresh state with water. |
| Application by machine | Please request special information regarding machine processing. |

STORAGE

Dry, protected against moisture, cool, shelf life in original sealed packaging of at least 1 year.

PACKAGING INFORMATION

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| Colour | Red |
| Packaging unit | Paper sack approx. 25 kg net Silo: Upon request |

OTHER INFORMATION

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| Information on safety | The information provided in the current safety data sheet applies. |
| Transportation | Not a hazardous material |
| Giscode | ZP1 cement-based products, low in chromate |