

CALSITHERM® KP-Kleber (adhesive mortar) 25 kg Sack

High-quality thin-bed adhesive mortar for bonding Calsitherm climate boards

Properties: Calsitherm KP-Kleber is a high-quality adhesive mortar which is ready for use after mixing and hardens hydraulically. KP-Kleber is easy to use.

Particular product features:

- for interior walls and ceilings
- easy, fast and smooth application
- free of mineral fibres
- working time approx. 2 hours
- high level of slip resistance and excellent adhesion
- for mineral backgrounds or surfaces in dry and moist areas
- watertight, weather and heat resistant

Areas of use:

Calsitherm KP-Kleber is suitable:

- for Calsitherm climate boards
- as adhesive mortar for fastening insulation and lightweight construction boards
- as bonding agent in moist and interior areas in new and existing buildings

Calsitherm KP-Kleber may be used on all mineral wall building materials (except gypsum) suitable for rendering as well as surfaces such as masonry made from materials with hydraulically setting binders in accordance with DIN 1164, DIN 1060 and DIN 4211, as well as masonry made from natural, standardized or building authority-approved materials in accordance with DIN 1053 (e.g. aerated concrete, brickwork, sandlime bricks, concrete in accordance with DIN 1045 and non-gypsum-bearing older render capable of bearing loads).

Work surfaces: The surface must be load-bearing and free of substances which may restrict the adhesion of Calsitherm KP-Kleber (e.g. separating agents, loose particles, dust, sanding powder, efflorescence, coatings, plaster etc.). Load-bearing plaster must be inspected for solidity and adhesion to the existing substrate. Old plaster surfaces must be cleaned; fungus and mould must be removed. Old, blown plaster, paint coats and non-load bearing coatings are to be removed carefully. The surface can be damp but must not be wet.

Mixing: Pour approx. 7.5 l of water into a clean container, add 25 kg of Calsitherm KP-Kleber and mix thoroughly until the mixture is lump-free and suitable for use (mixing time: at least 3 min.).

A complete container should be mixed using a mixing/stirring machine. Part-amounts should be mixed in a ratio of about 0.3 l water per kg of KP-Kleber. Calsitherm KP-Kleber is ready to use once it has been mixed. Do not mix more adhesive mortar than can be used within approximately 2 hours. After any appropriate pre-treatment of the work surface – and any repairs/improvements where necessary – apply the mixed KP-Kleber as a contact layer onto the work surface using a suitable serrated trowel (≥ 10 mm serration). Then attach the Calsitherm climate board to the freshly applied contact layer by pressing on over complete surface (combed bed process).

Further details concerning handling and product details can be found in the latest technical documentation.

Additional information: Do not mix partially hardened KP-Kleber with water or fresh KP-Kleber in an attempt to make it reworkable. Do not mix at temperatures below +5° C. The stated working times apply for the normal temperature range of +20 °C at approx. 65 % relative humidity. Lower temperatures lengthen and higher temperatures shorten the handling and setting times. KP-Kleber is to be protected from overly fast dehydration, e.g. through drafts and thermal loads.

Tools and cleaning: Clean in a fresh state using water.


Covers: Approx. 5 sq.m. per 25 kg sack

Storage: On dry pallets protected against moisture, around 12 months in closed container.

Disposal: Dispose of product residue in accordance with applicable regulations. Dispose of empty packaging in respective recycling systems.

Low-chromate: Shelf-life of the chromate reducer if stored in a cool and dry atmosphere: 12 months. The first two digits of the batch imprint represent the filling month, the third and fourth digits the filling year.

Giscode: ZP1

	Hazard warnings:
	R 37/38 Irritating to respiratory organs / skin. R 41 Danger of serious damage to eyes.
	Safety tips:
	S2 Keep out of the reach of children. S24/25 Avoid contact with eyes and skin. S 26 If coming into contact with the eyes, immediately rinse out thoroughly with water and consult doctor. S 37/39 Wear appropriate protective gloves and goggles/face mask whilst working with product.
In the event of an emergency, further information can be obtained from the National Poisons Information Service (NPIS). In England and Wales call NHS 111 (dial 111). In Scotland call NHS 24 (dial 111). In Ireland dial 01 809 2166.	

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