



Systemabdichtungsbaustoffe

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Kaubiflex FA Sealing Slurry 2K

Technical Data Sheet

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Flexible, two-component sealing slurry for sealing under tiles, for protection of concrete surfaces and for waterproofing of buildings suitable for interior and exterior application.

Properties:

Crack-bridging, flexible sealing slurry with an excellent bonding to mineral surfaces. Ductile, can easily be spread using a brush, sprayer or trowel. After setting the sealing slurry is completely watertight and permeable to vapour diffusion, impermeable to chlorides as well as resistant to frost and ageing. Safe even in case of subsequent tension cracks. Kaubiflex FA Sealing Slurry 2K is resistant to effects aggressive to concrete as per DIN 4030.

Applications:

Suitable for surfaces, which are sufficiently stable as screed, concrete, masonry, aerated concrete and plasters classified by mortar groups II and III. For a flexible sealing of balconies and terraces. For a safe, crack-bridging sealing under tile coverings in wet rooms, exterior walls of cellars and supporting walls. Used to seal solidly constructed interior and exterior water tanks and swimming pools with a water depth of up to 15 m. Suitable as carbonisation protection following renovation works.

Technical specifications:

Density:	component A: 1.35 g/cm ³ (bulk density) component B: 1.0 g/cm
Mixing rate:	2 parts by weight comp. A/ 1 part by weight comp. B
Application temperature:	+5°C to +25°C
Wet density:	1.5 g/cm ³
Wet layer thickness:	3 mm (~2mm dry layer thickness)
Pot life:	2 hours maximum
Surface can be walked on:	after 1 day
Surface can be exposed to water pressure:	after at least 7 days
Fire class:	B2 DIN 4102-1



Preparation of the substrate:

The surface has to be solid, supportive, absorbent, widely level and has to have fine pores. Oil, grease or other separating layers have to be removed. Pockets of loose gravel and pinholes as well as uneven areas which are bigger than permitted by DIN 18202 have to be levelled with Kaubit PCC Concrete Filler. Please pre-wet the surface thoroughly before applying Kaubiflex FA Sealing Slurry 2K. The surface should be slightly humid. Please avoid puddles.

The remaining humidity must not exceed the following values:

Cement screed:	2.0 %
Anhydrite screed:	0.5 %
Anhydrite screed, heated:	0.3 %



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Use:

Mix the powder with 2/3 Of the required liquid component in a clean mixing pail until a lump-free compound is attained. After solubilise add the rest 1/3 liquid. For partial quantities: Mix 1 part liquid component by weight with 2 parts powder component by weight. Let the sealing slurry draw for 3 minutes and stir it again before application. Apply the product richly and evenly in 2 to 3 working steps using a hard brush, a wide-paint brush, a trowel or a suitable spraying device. The thickness of the applied coating must not exceed 5 mm. When laying tiles or panels in thick bed technique follow the following procedure: after applying a layer of Kaubiflex FA Sealing Slurry 2K a splash coat modified with Kaubit bonding emulsion concentrate is sprayed directly onto the fresh material of the second layer. When the splash coat has set tiles can be laid following the thick bed technique. Apply the ready material mixture within 1 hour. It is not possible to add water or the fluid component to the sealing slurry when it has already started to set. The sealing slurry must not be modified with other additives. Please protect the fresh sealing from rapid water evaporation, exposure to extreme heat, draft, frost and rain.

Consumption:

The consumption rate is 2 kg/m² per mm layer thickness.

Drying time:

The drying period depends on the temperature, on the air movement and humidity and on the layer thickness of the coating. At a temperature of + 20°C and a relative air humidity of 50 % the drying period is about 3 hours.

Information on further processing:

After 24 hours ceramic coverings can be laid onto the sealing slurry using thin-bed mortars. When working outside of buildings the ceramic coverings have to be laid without causing cavities. When Kaubiflex FA Sealing Slurry 2K works as a building sealing system it has to be completely dry before applying protection coatings respectively before filling up earth. The sealing coat has to be protected sufficiently e.g. by protection or drainage panels. Connecting metal strips have to be fixed firmly and have to be sealed with the sealing slurry. Thus a separation of the slurry from the metal because of different thermal extension rates is avoided. Zinc plates have to primed with Kaubit epoxy primer WA 225 first. Spread quartz sand over the fresh primer In order to attain a safe bonding.

Cleaning of tools and equipment:

Tools as well as dirty areas have to be cleaned with water immediately after use.

Storage:

Kaubiflex FA Sealing Slurry 2K can be used for a period of 6 months when stored in a cool place in its original closed containers, protected from humidity.

Supplied as:

Powder Component A: 20 kg bags
Liquid Component B: 10 kg cans

30 kg unit
24 units / pallet

Further sizes and units available on request.

Safety information:

The powdery component of Kaubiflex FA Sealing Slurry 2K contains cement and thus has been classified as hazardous material according to the German Gefahrstoffverordnung (Dangerous Goods Regulation). Caution: Irritating to eyes and skin. Keep away from children. Avoid inhalation of dust. Avoid contact with eyes and skin. In case of contact with eyes rinse thoroughly with water and seek medical advice. Wear suitable gloves during work. When the product has been swallowed immediately take medical advice and present packaging or safety data sheet.

The liquid component has not been classified as hazardous material.

For further information, see also Material Safety Data Sheet (MSDS).

Disposal:

When set, can be disposed of as building rubble.