



Systemabdichtungsbaustoffe

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Kaubiflex FA Sealing Slurry AS 1K

Technical Data Sheet

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Flexible, fast curing, one-component sealing slurry for sealing under tiles. Suitable for interior and exterior use.

Properties:

Easily applicable, fast setting, flexible sealing slurry with an excellent bonding to mineral surfaces. Non-shrinking and crack-free setting. The sealing slurry is completely watertight against positive and negative pressured water. Permeable to vapour diffusion, impermeable to chlorides as well as resistant to frost and ageing. Effective CO₂-Barrier.

Applications:

Suitable for surfaces, which are sufficiently stable as screed and heated screed, concrete, masonry, aerated concrete and plasters. Provides waterproofing under tiles at high water exposure, for wet rooms (walls and floors), terraces and balconys. Applicable to seal massive constructed swimming pools and water tanks. Also able for cellar sealing and for protecting concrete against carbonation.

Technical specifications:

Application temperature:	> +5°C
Mixing ratio (trowel – brush)	250 ml/kg (220 – 280 ml/kg)
Pot life:	around 60 min.
Time between the coats	minimum 2 h
Covering possible:	after 4 hours
Surface can be exposed to water pressure:	after at least 3 days

Preparation of the substrate:

The surface has to be solid, supportive and widely level. Oil, grease or other separating layers have to be removed. Pockets of loose gravel and pinholes as well as uneven areas have to be levelled with mineral filler. Please pre-wet the mineral surface thoroughly before applying Sealing Slurry AS 1K. 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 %

Smooth surfaces like Timber and gypsum plaster substrates should be primed with Kaubit Super Primer.

Use:

Mix the powder with 2/3 of the required liquid component in a clean mixing pail for around 3 minutes. A lump-free compound should be attained. After solubilise add the rest 1/3 liquid. Apply the product richly and evenly using a hard brush, a wide-paint brush, a trowel or a suitable spraying device. Apply the ready material mixture within max. 45 minutes. 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. It should be waited for min. 90 minutes between the coats.

Consumption:

The consumption rate is about 1,2 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 two hours.

Information on further processing:

The sealing can be covered with ceramic coverings after 4 hours.

When working outside of buildings, the coating must be protected against heavy sunshine at higher temperatures during hardening.

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 AS 1K can be used for a period of 6 months when stored in a cool place in its original closed containers, protected from humidity.

In an additional bucket even 12 months.

Supplied as:

5, 10 and 20 kg bags

Further sizes available on request.



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Disposal:

When set, can be disposed of as construction waste.

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

Safety information:

Not a hazardous substance according to the Ordinance on Hazardous Substances.