



Systemabdichtungsbaustoffe

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## Kaubit Bonding Emulsion Concentrate Technical Data Sheet

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**Saponification resistant, aqueous dispersion without plasticisers to improve mortars and to form bonding coats.**

### Properties:

Kaubit bonding emulsion concentrate is an unplasticised saponification resistant aqueous dispersion on the basis of a carboxylized styrene-butadiene copolymer. Due to its non-ionic stabilisation Kaubit Bonding Emulsion Concentrate is compatible with hydraulically setting building materials. Kaubit bonding emulsion concentrate contains no filling agents or solvents.

### Applications:

Added to cementitious coatings, mortars, screeds etc. Kaubit bonding emulsion concentrate effects a plastification through which an improved process ability is achieved. Building materials treated with Kaubit bonding emulsion concentrate usually have a considerably improved flexibility, abrasion resistance; resistance to frost and de-icing salt, bending tensile strength and adhesive pull strength. At the same time their tendency to efflorescences, to shrinkage as well as their oil and solvent permeability is reduced. At a temperature of more than 25 C a too rapid setting of the mortar can be prevented by adding Kaubit bonding emulsion concentrate. Kaubit bonding emulsion concentrate is suitable for the production of bonding coats and of bonding mortars for repair works, as mortar agent for levelling screeds tapering off to zero as well as many other purposes.

### Technical specifications:

Content of solids:	48 ± 2 %
Viscosity:	< 200 mPa.s
Colour:	milky-white
pH-value:	about 10

### Preparation of the substrate:

The surface has to be free of oil, grease, dust and other separation agents. Dust and loose particles have to be removed. Oily or very dirty surfaces have to be cleaned with cleaning agents and with water afterwards. The substrate has to be pre-wetted thoroughly, however puddles have to be avoided.

### Application/Consumption:

#### a) Bonding coat

In order to establish a bonding coat, 1 part Kaubit Bonding Emulsion Concentrate has to be mixed with 2 parts of water. This mixture has to be stirred with a mixture of 1 to 2 parts sand and 1 part cement



until a pasty slurry is obtained. This mixture is applied with a solid brush or paste brush. Between 150 g and 200 g Kaubit bonding emulsion concentrate per m<sup>2</sup> are required. Plasters and screeds have to be applied to the bonding bridge fresh on fresh. When used as a bonding coat for waterproofing materials a drying time of at least 24 hours is required.

#### b) Modification of concrete and mortar:

Kaubit bonding emulsion concentrate is suitable for all hydraulically setting mortars such as tile adhesive, repair mortar, sealing slurries etc. For this purpose 5 - 15 % of Kaubit bonding emulsion concentrate has to be added to the mixing water. For a smaller layer thickness more Kaubit bonding emulsion concentrate is necessary and for a higher layer thickness less. An addition of 15 - 20 % of Kaubit bonding emulsion concentrate has proven effective for the modification of Kaubit Sealing Slurry. For screeds 5 % and brickmortar 10 % Emulsion adding to the mixing water.

### Cleaning of tools and equipment:

All tools and soiled areas have to be cleaned with water immediately after use.

### Storage:

Kaubit bonding emulsion concentrate can be used for a period of at least 12 months when stored in a dry and cool place and sealed in its original container. Kaubit bonding emulsion concentrate is frost-resistant up to a temperature of - 20 °C, frozen material can be thawed. Storage of the Kaubit bonding emulsion concentrate at more than 35 °C should be avoided.



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**Supplied as:**

1 kg bottle	
10 bottles / carton	10 kg can
48 cartons / pallet	50 cans / pallet
5 kg can	20 kg can
90 cans / pallet	24 cans / pallet

**Safety information:**

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

**Disposal:**

Containers, which have been thoroughly emptied can be recycled under the "Green Dot" scheme operated by Duales System Deutschland AG.

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