

## Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

# KNAUF

Plaster and Façade Systems

## K454.de

Product Data Sheet

2021-10



# Betokontakt

Bonding agent for gypsum plasters and gypsum-based plasters on concrete

## Product description

Betokontakt is a ready-mixed mechanical key for gypsum plasters on a synthetic resin emulsion basis filled with silica sand, which is pigmented pink and alkaline resistant.

## Storage

It can be stored for at least 18 months in the original unopened container in a cool and frost-free (+5 °C to +25 °C) environment. Close opened buckets airtight. Do not expose to direct sunlight or heat.

## Quality

The product is subject to continuous factory production control.

## Properties and added value

- For interior use (particularly on concrete)
- Ready-to-use
- Creates bonding substrates
- Pigmented pink
- Particularly low-emission EC1<sup>PLUS</sup>
- Suitable for hand or machine application



[www.emicode.com/en](http://www.emicode.com/en)

### Field of application

For application in interiors on

- In-place concrete and prefabricated concrete units
- Solid concrete slabs made from building components (filigree ceilings)
- EPS and XPS-R insulation materials
- Other dense, non-suction substrates as a bonding agent acc. to DIN 18550

Before the application of:

- Gypsum plasters and plasters containing gypsum (e.g. MP 75 L Raumklima, MP 75 Diamant, MP 75 L, MP 75 G/F-Leicht)
- Hand applied plasters (e.g. Rotband, Goldband, HP 100)
- Adhesive compound for dry lining (e.g. Perfix)
- Suitable thin plasters (e.g. Multi-Finish)

### Application

#### Substrate and pretreatment

The substrate must be stable, dry, firm and sufficiently dimensionally stable. Furthermore, the substrate must be free of dust, free of debris, oil, grease, formwork release agents, concrete curing agents, sinter layers, impurities and unfavourable efflorescences and compliant with the requirements for evenness of surfaces of construction components acc. to DIN 18202.

#### Preparation

Protect easily-soiled building components, particularly glass surfaces, wood, metal, natural stone and floor covering.

Observe the Code of Practice "Ablebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten - *Masking and covering for painting and stucco work*" issued by the Bundesverband Ausbau und Fassade (German only).

#### Machines / equipment

Machine application with a screw pump (e.g. PFT SWING)

### Product application

Stir the contents of the bucket thoroughly before application. Betokontakt is ready-mixed and is applied undiluted and evenly to the full surface using a short pile lambskin roller or sprayed on by machine with a suitable PFT conveying pump, e.g. SWING and rolled in with a lambskin roller.

When applying by machine only, add a small quantity of water (maximum 1 litre of water to 20 kg Betokontakt) to set the spray consistence.

Clean tools directly after use with water. Remove contaminations of Betokontakt (splashes or similar) on the contaminated surfaces preferably when fresh using water. Dried material can be removed after softening with warm water using a damp wiping cloth or similar.

#### Application temperature / climate

The material, substrate and air temperatures during application and until the bonding primer is fully dry should not fall below +5 °C.

#### Drying

Wait with subsequent work until Betokontakt is no longer adhesive and has fully dried (min. 12 hours at +20 °C and 65 % relative humidity).

Correspondingly longer drying times result from cool and damp site conditions.

Good ventilation reduces the drying times. The time after drying of Betokontakt and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

#### Caution

Water may only be added to Betokontakt for machine application. Only clean water may be used.

Adding other materials may cause the properties to change significantly.

The maximum permissible residual moisture with normal-weight concrete is 3 % by weight.

**Technical data**

Description	Standard	Unit	Betokontakt
Density	–	kg/l	1.4
Viscosity	–	–	Viscous, thick flowing
pH value	–	–	8 – 9

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

**Material requirement and efficiency**

Substrate	Consumption per application g/m <sup>2</sup>	Yield m <sup>2</sup> /bucket
Concrete	approx. 225	approx. 89

The exact consumption can only be determined with a test application on the individual object.

**Product range**

Description	Application	Packaging unit	Material number	EAN
Betokontakt	20 kg	32 buckets/pallet	00545454	4003982444400

**Sustainability and environment**

Short description	Value
Requirements of the German AgBB-scheme	Compliant
Corresponds to the French emissions class	A+
VOC content acc. to RL2004/42/EC	< 0.1 %, < 1 g/l
Solvent and softener free acc. to VdL-RL01	Yes
Existing certificates	EC1 <sup>PLUS</sup> (acc. to GEV)



**Observe safety data sheet!**

For safety data sheets and CE marking see [pd.knauf.de](http://pd.knauf.de)



Videos for Knauf systems and products can be found under the following link:

[www.youtube.com/knauf](http://www.youtube.com/knauf)



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