



Konusit HB

Mineral bond coat for polymer silicates

Product properties

- Mineral-based, polymer silicate bond coat, consisting of:
 - Konusit HB (powder)
 - Konusit KK 10-F (liquid)
- Environmentally friendly, easy application with brush or paint-brush
- Increases adhesion of Konusit KK 10 and Konusit KK 30 for hand application

Areas of application

- Bond coat for hand application of Konusit KK 10 and Konusit KK 30
- Lubricant for material discharge hoses for spray application of Konusit KK10

Application

Substrate Preparation

The substrate must be clean and free from all loose particles, dust, oil and other contaminants. A minimum substrate pull-off strength of 1.5 N/mm² is required (lowest single value = 1.0 N/mm²).

Before application of Konusit HB the surface should be moistened slightly, very porous substrates are to be pre-wetted several times. Standing water on the surface is not permitted. The bond coat is brushed into the matt moist surface.

Water saturation must be avoided.

The "General Application Advice" must be observed.

Mixing

Konusit HB is added to the prepared water under constant stirring and mixed until a homogeneous and lump-free mortar with an easy-to-spread consistency is achieved. Mixing takes at least 3 minutes. Use slowly rotating mixers.

See page 2 for mixing ratio.

Product: Konusit HB (powder)
Konusit KK 10-F (liquid)

The consistency (viscosity) can be adjusted variably by means of the liquid component.

After brushing in the bond coat, the mineral-based surface protection system is applied fresh-in-fresh onto the moist bonding coat.

Application

The mixed bond coat Konusit HB is brushed into the slightly moistened substrate, using shortpiled brushes or paint-brushes. Spray application is also possible in special cases.

Please see our leaflet "General Application Advice" for more detailed information on application.

Safety Measures

The safety advice for cement bound materials and substances must be observed. The liquid component Konusit KK 10-F is corrosive. Protective clothes, gloves and goggles must be worn during application. The safety advice given on the packs and in the relevant material safety data sheets must be observed.



Technical Data for Konusit HB

Characteristic	Unit	Value	
Density	kg/dm ³	approx. 1.9	at 23 °C and 50 % relative humidity
Mixing ratio	p.b.w.	100 23-28	Konusit HB Konusit KK 10-F
Coverage	kg/m ²	approx. 2.0	depending on substrate
Substrate			the substrate must be matt moist
Pot life	minutes	approx. 30-60	depending on temperature
Application conditions	°C % K	≥ 8 - ≤ 30 ≤ 80 3	air and substrate temperaturere relative humidity above dew point

Product Characteristics for Konusit HB

Colour	dark-grey	
Delivery	20 kg bag 30 kg canister	Konusit HB Konusit KK 10-F
Storage	Can be stored in original sealed packages at temperatures between + 8 °C and + 20 °C in dry conditions for at least 12 months. Protect from frost! The same requirements are valid for transport.	
Disposal	Packs must be emptied completely.	

High temperatures shorten while low temperatures extend all indicated periods. Please take notice of the safety information and advice given on the packaging labels and safety information leaflets.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 01/2009. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.