

KÖSTER® Betonex

Adhesion primer between concrete and cement plaster (DIN 18556-6)

Product Description:

Turkish product name > KÖSTER Betonex

KÖSTER GipsoPLUS is a primer to strengthen the adhesion of cement based plasters on non porous concrete surfaces.

The material consists of acrylic copolymer dispersion and selected silicone dioxide aggregates and is water based. The material is solvent free and odourless and is formulated to be used on interior concrete surfaces like walls, columns and ceilings. The cured coating increases the adhesion strength to concrete more than 300 % and minimizes cracking due to uniform drying of the plaster.



Applications:

Can be applied on mineral based surfaces like concrete or cement/lime plaster. Intended use as a primer on walls, columns and ceilings before the application of cement based plasters.

Technical Data:

Color	red
Density	1,60 kg / lt
VOC value	max. 1 g / lt

Advantages:

- Factory blended and ready to use
- Red coloured material allows visual checking of application thickness easily

Coverage:

Approximately 80-100 m² of surface area per 20 kg pail depending on job conditions, application techniques, percentage of thinning etc.

Properties:

Drying time – Drying of the KÖSTER Betonex layer is dependent on the air temperature and relative humidity. Under average drying conditions (20 °C and 50 % R.H.), the layer dries in 24 hours.

Bond Strength - Exceeds the cohesive strength cement plaster.

Instructions:

Job conditions – Air and substrate temperatures must be 5 °C or higher and must remains so for a minimum of 24 hours.

Mixing – before application mix to a homogenous consistency.

Application – Apply the in a single coat using a textured sponge roller. Work the material into the surface for positive adhesion.

Avoid working in direct sunlight and mix (if the material was thinned with water) the material from time to time.

Wait for apr. 24 hours before you begin with the cement plaster application. In cold weather conditions or high humidity conditions the primer may take longer time

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to cure (check the cured coating with your finger nail – it should be hard and should not scrape off).

Consumption:

KÖSTER Betonex app. 0,20 kg / m²

Packaging:

KÖSTER Betonex 12 kg kova



Cleaning of Tools:

Clean tools with water while KÖSTER Betonex is still wet.

Notes:

- Do not apply below 5 °C or if temperatures below 5 °C are expected within 24 hours.
- Do not apply on wet or frozen surfaces

- Do not apply on dusting or weak surfaces. If in doubt, perform adhesion test.
- Cold temperatures lengthen and hot temperatures shorten the drying time and curing time of the material.

Storage:

Dry and cool, in original containers. Protect from freezing and direct sunlight.

Shelf life :

12 months.

Caution:

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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