

KÖSTER Betomor[®] Light 88

Technical guideline / Article number **5.23**
Issued: October 22, 2009

- Industry classification "Betomor" registered at the German patent office, Nr. 306 07 698

Light mortar for repairing and re-profiling concrete and screed areas overhead and on walls

Features

KÖSTER Betomor[®] Light 88 is a shrink-free, waterproof, light mortar with very low density for repairing and reprofiling concrete and screed surfaces.

Technical data

Density of fresh mortar	approx. 1.1 kg / l
Bulk density	0.75 kg / l
Compressive strength (7 days)	> 7 N / mm ²
Compressive strength (28 days)	> 20 N / mm ²
Flexural tensile strength (7 days)	> 2 N / mm ²
Flexural tensile strength (28 days)	> 4 N / mm ²
Pot life	approx. 2 hours
Minimum application temperature	+ 5 °C

Field of application

For filling and reprofiling of fractured or broken concrete areas and edges inside and outside on balconies, terraces, pre-cast concrete parts etc. Due to its low density, KÖSTER Betomor[®] Light 88 is especially suited for tasks which have to be carried out over head or vertically.

Substrate preparation

Damaged concrete areas have to be removed down to the steel reinforcements. The corroded steel reinforcements must be cleaned to grade SA 2 ½ and then they must be protected with a corrosion protection coating. The concrete substrate is coated with a bonding bridge made of KÖSTER NB 1 Grey (consumption approx. 2 kg / m²) (add 20 % KÖSTER SB Bonding Emulsion to the mixing water).

Application

Approx. 24 hours after applying the bonding bridge, KÖSTER Betomor[®] Light 88 is applied. KÖSTER Betomor[®] Light 88 is mixed using approx. 4.5 to 5.0 l of water per 20 kg of material.

Consumption

Approx. 0.88 kg / l void

Cleaning of tools

Clean tools immediately after use with water.

Packaging

18 kg bag

Storage

Store the material dry; in originally sealed packages, it can be stored for 6 month.

Safety

Wear protective gloves and goggles when processing the material.

Technical guidelines cited

KÖSTER SB Bonding Emulsion	Art. No.	2.11
KÖSTER NB 1 Grey	Art. No.	3.021

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.