

KÖSTER BD Flexible Tile Adhesive

- CE-certified according to ETAG 022 as part of the KÖSTER BD System

Single component mineral flexible adhesive for all mineral materials in construction

Features

KÖSTER BD Flexible Tile Adhesive is a universally applicable single component mineral flexible adhesive with very good adhesion to all mineral materials. The fresh mortar of KÖSTER BD Flexible Tile Adhesive is very stiff.

Technical data

Bulk density	1.7 g / cm ³
Colour	grey
Compressive strength (28 days)	≥ 20 N / mm ²
Flexural tensile strength (28 days)	≥ 4 N / mm ²
Adhesive tensile strength (after 28 days)	> 1 N / mm ²

Field of application

KÖSTER BD Flexible Tile Adhesive is intended to be used as adhesive for tile as part of the KÖSTER BD System which is certified according to ETAG 022. KÖSTER BD 20 Flexible Tile Adhesive is intended for bonding of all mineral building materials (sand-lime brick, light weight building blocks, tile, ceramics etc. It is not intended for direct application on gypsum substrates.

Substrate preparation

In the KÖSTER BD System which is certified according to ETAG 022, KÖSTER BD Flexible Tile Adhesive is applied on top of the KÖSTER BD 50 waterproofing layer. The substrate has to be dry and clean, free of oil and grease and other substances which inhibit adhesion, non-slippery, sound and solid, formstable and level.

Mixing

One 25 kg bag of KÖSTER BD Flexible Tile Adhesive is mixed with approx. 6 l of clean potable water, depending on the desired consistency.

First, put the required amount of water into a clean mixing vessel. Then, add the powder in portions to the liquid while continually mixing with a slow rotating mechanical mixing device (max. 400

rpm) until a homogenous, lump and knot free consistency is reached.

Application

The fresh mortar is applied with a spatula, a trowel, a toothed trowel or similar tools. The readily mixed product is applied in a layer thickness between 2 and 5 mm.

Consumption

Approx. 1.7 kg / m² per mm layer thickness

Cleaning of tools

Clean tools immediately after use with water.

Packaging

25 kg bag

Storage

Store the material in a dry and frost free place; in originally sealed packages, it can be stored for 6 month.

Safety note

Avoid eye contact. Wear protective goggles when processing the material.

Technical guidelines cited

KÖSTER BD 50 Art. No. 7.09

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.