

KÖSTER BD 50 Primer

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

Concentrate for deeply penetrating priming as bonding bridge for absorbent substrates

Features

KÖSTER BD 50 Primer is a water-dilutable, low viscous primer on styrol-butadien basis. KÖSTER BD 50 Primer reduces the absorbency of mineral substrates. KÖSTER BD 50 Primer is solvent-, plasticizer- and filler-free.



Technical data

Application temperature	min + 5 °C
Density	1.03 g / cm ³
Surface	clear, slightly sticky
Elongation at break	approx. 800 %
Application of next layer	after approx. 3 hours

Field of application

KÖSTER BD 50 Primer is designed for application on dry or moist absorbent substrates. It reduces the absorbency of the substrate and increases its strength. It is transparent after drying. The surface is slightly sticky. KÖSTER BD 50 Primer is water-resistant which means that after the application it does not wash off or rain off. KÖSTER BD 50 Primer is the primer for KÖSTER BD 50 as part of the KÖSTER BD System which is certified according to ETAG 022.

Substrate preparation

The substrate must be free of oil and dust as well as free of loose particles. Strongly soiled substrates must be cleaned using a suited cleaning agent which must be rinsed off the substrate well. If necessary, clean the substrate by sandblasting.

Application

KÖSTER BD 50 Primer can be applied by brush or it can be sprayed on. During curing, the surrounding and substrate temperature must not fall below + 5 °C. The primer coating can be walked on after 3 hours and the next layer can also be applied after 3 hours (surrounding temperature: approx. 20 °C).

Consumption

Substrate	Absorbency	Dilution	Total consumption (mixed)
Precast concrete parts	weak	1 : 2	240 g / m ²
Cement fibre boards	weak	1 : 2	240 g / m ²
Gypsum planks	medium	1 : 3	240 g / m ²
Gypsum fibre board	medium	1 : 3	240 g / m ²
Plasterboard	medium	1 : 3	240 g / m ²
Extruded foam boards	weak	1 : 2	240 g / m ²
Lime sand brick	strong	1 : 4	250 g / m ²
Light concrete	strong	1 : 4	250 g / m ²
Levelling plasters	weak	1 : 2	240 g / m ²
Porous concrete	strong	1 : 4	250 g / m ²
Gypsum plaster	strong	1 : 4	250 g / m ²
Cement plaster	strong	1 : 4	250 g / m ²
Cement screed	weak	1 : 2	240 g / m ²
Cement screeds, heated	strong	1 : 4	250 g / m ²

Cleaning of tools

Clean tools immediately after use with water.

Packaging

5 kg canister

**Storage**

Store the material cool but frost free; in originally sealed packages, it can be stored for approx. 12 months.

Safety precautions

Avoid eye contact, wear protective goggles when processing the material.

Technical guidelines cited

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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.