




KÖSTER BD 50 Primer

Technical Data Sheet B 190 005

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Deeply penetrating bonding agent for waterproofing with the KÖSTER BD 50 System

 2007-CPR-E.4241-I/2013	KÖSTER BAUCHEMIE AG Dieselstraße 1-10, 26607 Aurich 09 B 190 ETAG 022-1 Liquid applied water impermeable product for external installations on walls and floors, beneath ceramic tiling ETA-09/0199
	Crack bridging capability Tensile strength Joint bridging capability Watertightness at penetrations Temperature resistance Water resistance Resistance to alkalinity

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
Application of next layer	after approx. 3 hours

Fields 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.

Substrate

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. 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

Approx. 0.1 - 0.25 kg / m²; depending on the substrate

Approx. 100 g / m² on lightly absorptive substrates (Pre-cast concrete, fiber cement boards, cement screeds, etc.)

Approx. 250 g / m² on highly absorptive substrates (Lime sandstone, light weight concrete, gypsum plasters, etc.)

Cleaning

Clean tools immediately after use with water.

Packaging

B 190 005 5 kg jerrycan

Storage

Store the material cool but frost free. In originally sealed packages it can be stored for a minimum of 12 months.

Safety

Wear protective goggles when processing the material. Observe all governmental, state, and local safety regulations when processing the material. For Material Safety Data Sheet scan QR-code on label or contact technical support.

Related products

KÖSTER BD 50	Prod. code B 290 010
KÖSTER BD Flexible Tile Adhesive	Prod. code B 540 025
KÖSTER BD Flex Tape K 120	Prod. code B 931
KÖSTER BD Inside Corner	Prod. code B 932 001
KÖSTER BD Outside Corner	Prod. code B 933 001
KÖSTER BD Wall Sleeve	Prod. code B 934 001
KÖSTER BD Floor Sleeve	Prod. code B 935 001

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.

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