

KÖSTER VAP I® 06

Technical guideline / Article number **6.031**

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Non-porous substrate primer

Features

KÖSTER VAP I® 06 Primer is a water based one component bonding agent for use underneath cementitious, self-levelling underlayments applied on critical substrates.

KÖSTER VAP I® 06 Primer dries quickly, creates an excellent bond, and is water and alkali resistant.

Technical Data

Density	Approx. 1.01 g / cm ³
Pot life	Approx. 3 Hours
Drying time	1 – 2 hours
Flash point	None. Non-flammable, non-explosive
Color	Dries transparent, greenish
Storage temperature	+ 10 °C – + 25 °C

Field of application

KÖSTER VAP I® 06 is a primer for use underneath cementitious, self-levelling underlayments such as KÖSTER SL Premium or KÖSTER SL Flex applied to the following critical substrates:

KÖSTER VAP I® 2000 products, steel, terrazzo, marble, quarry tiles, ceramic and wooden substrates, as well as mastic asphalt.

Always use KÖSTER VAP I® 06 Primer prior to the application of self-levelling or trowel-able cementitious products over KÖSTER VAP I® 2000 products. Do not apply over adhesive residue.

Surface Preparation:

The substrate to receive the KÖSTER VAP I® 06 Primer must be sound, clean, dry, free of oil, gypsum compounds, wax, grease, sealers, curing compounds, paint, dirt, loose surface material, and any contaminants that may act as a bond breaker. Weak concrete surfaces must be restored to a solid and sound concrete.

Do not acid etch or chemically clean substrates prior to installation. All subfloors must have a temperature of at least + 10 °C prior to application.

Application on wooden substrates:

Wooden substrates must be permanently dry to avoid damage caused by deformation, moisture, or mould. There must be sufficient ventilation underneath the construction, particularly in the case of vapor tight floor coverings. Do not apply KÖSTER VAP I® 06 Primer on wooden floors where moisture can penetrate from underneath the construction.

Remove wax, cleaner, and other residues when applying the material on wood strip floors. Sand the area if necessary.

Completely sand off varnished wood finishes and remove dust by vacuum cleaning.

Unfixed or nailed timber boards have to be securely fastened with screws to restrain any movement of the substrate. Open or wide joints between the boards, defects, and hollows must be filled with an acrylic jointing compound or other suitable material.

Install a tear resistant fabric with a mesh size of < 6 mm, such as KÖSTER Glass Fiber Mesh, on top of the primer coat if installing ceramic coverings. Maximum size of tile and panel coverings is 60 cm x 60 cm.

Prime the prepared wooden substrate with KÖSTER VAP I® 06, Consumption: approx. 100 g / m².

Application on KÖSTER VAP I® coatings and metal substrates:

Remove all contaminants and remove dust by vacuum cleaning. Degrease metal surfaces. Corroded surfaces have to be cleaned down to bare metal.

Consumption: approx. 50 - 70 g / m².

Application on terrazzo, marble, ceramic, and quarry tiles:

Remove poorly bonded coverings, old care products, dirt and dust. Search for cavities underneath previously installed coverings by tapping.

Consumption: approx. 50 - 70 g / m².

Application on sound mastic asphalt:

Remove loose material, dirt and dust.

Application

Shake container vigorously or mix thoroughly.

Apply a thin, even coat of primer to the substrate using a foam rubber roller. Leave no bare spots. Avoid puddles and excess accumulation. High humidity and low temperatures may prolong drying time. The subsequent application of cementitious products can proceed after the primer is dry, at maximum it should be within 24 hours.

Consumption

50 – 100 g / m²

Coverage rates are dependent on substrate characteristics.

Cleaning of tools

Clean tools immediately after use with water.

Packaging

9.5 kg canister.

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.

Storage

Store the material at + 10 °C to + 25 °C in a dry place. Avoid storage in sunlight. If stored in originally sealed canisters KÖSTER VAP I® 06 can be stored for 1 year.

Technical guidelines cited

KÖSTER VAP I® 2000	Art. Nr.	6.030
KÖSTER VAP I® 2000 FS	Art. Nr.	6.033
KÖSTER VAP I® 2000 UFS	Art. Nr.	6.034
KÖSTER SL Premium	Art. Nr.	5.080
KÖSTER SL Flex	Art. Nr.	5.084
KÖSTER SL Strong	Art. Nr.	5.085
KÖSTER Glass Fiber Mesh	Art. Nr.	11.01

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