

KÖSTER Self-Levelling Floor 15

Technical guideline /Article number
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1-component, self-levelling floor screed

Features

KÖSTER Self-Levelling Floor 15 is a self-levelling floor screed with excellent bonding to all mineral surfaces. KÖSTER Self-Levelling Floor 15 does not contain gypsum, it can be walked on soon after application and provides a wear- and abrasion-resistant surface.

Technical Data

Density of fresh mortar	2.0 kg / L
Compressive strength (3 hrs)	2.5 N / mm ²
Compressive strength (7 days)	> 25 N / mm ²
Compressive strength (28 days)	> 42 N / mm ²
Flexural tensile strength (3 hrs)	1.0 N / mm ²
Flexural tensile strength (7 days)	> 6.0 N / mm ²
Flexural tensile strength (28 days)	> 8.0 N / mm ²
Pot life	30 minutes (20 °C)
Resistant to foot traffic	after 3 hours (20 °C)

Field of application

KÖSTER Self-Levelling Floor 15 is used for levelling out mineral substrates inside and outside, underneath tiles, ceramic coverings, screeds - also for wet rooms, balconies and terraces. KÖSTER Self-Levelling Floor 15 is not a decorative final coating.

Substrate preparation

The mineral substrate has to be sound and solid as well as free of bonding inhibiting agents such as grease and oil. Remove all bond breaking substances such as laitance, loose particles, dust, formwork release oil etc. Slightly sandy substrates can be primed with KÖSTER Polysil® TG 500 and will be ready for coating after approx. 2 hours (20°C). Substrate damaged by rising moisture cannot be coated.

Application

Mix 25 kg of KÖSTER Self-Levelling Floor 15 by adding clean water in stages, mixing in each portion separately using a slow rotating mixer (max. 600 RPM) until a total of 5.0 l of water has been added and the material has a homogeneous and lump-free consistency. Then the mortar is poured onto the prepared substrate, spread with a toothed squeegee or gauging rake and de-air thoroughly. Layer thickness: 2-15 mm.

Consumption

Approx. 2.0 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 place; when stored in originally sealed packages it can be stored for approx. 6 months.

Safety note

Contains cement. Low chromate according to TRGS 612, Giscode ZP 1.

Technical guidelines cited:

KÖSTER Polysil® TG 500

Art.-No. 4.011

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.