

TECHNIS C560 RAPID

FAST SETTING READY MIXED SCREED MORTAR

KEY BENEFITS

- Damp and wet rooms
- Long working time
- Quick setting
- Ideal for slopes in community
- Suitable for supermarkets and hypermarkets
- Rapid covering and drying



APPLICATIONS

DESCRIPTION

TECHNIS C560 RAPID is a ready-to-use, rapid-curing and drying screed for creating bonded or floating screeds and slopes.

DESTINATION

TECHNIS C560 RAPID is suitable for use in both new-build and renovation projects. Can be used in all areas that are subject to very high levels of foot traffic. Indoor and outdoor use.

Areas of applications :

- Concrete slab
- Cement screed
- Prefabricated concrete elements
- Old semi-flexible tiles
- Floor heating (contact us)

Associated floor coverings :

- Tiles and parquet in direct glued laying
- Carpet, plastic flooring
- Rubber
- Linoleum after floor smoothing
- Floor resin, paint.

Painting is only possible on concrete support, cement screed, and new or bare concrete floor (removal of old patches, glues, etc).

PRODUCT CHARACTERISTICS

Composition / colour	Cementitious premixed dry mortar / grey
Mixing ratio	2 to 2.1 liters of water per 25 kg bag
Application temperature	AIR: +5 °C to +30 °C HUMIDITY: not more than 70%.
Working time*	45 min
Walk on time*	3 hours
Curing time* / Floor installation	Ceramic tiles : 2-3 hours Floor covering : 6 hours Paints or resins : 12 hours Wood flooring : 24 hours
Application thickness	35-80 mm
Coverage	1.8 kg /mm /m ²
Compressive strength	C60
Flexural strength	F7

*these times are determined at + 23° C and 50 % relative humidity on normally absorbent substrates

SUBFLOOR PREPARATION

CLEANING PREPARATION

In accordance with the requirements of DIN 18560, 18353, the substrate must be solid, load-bearing, dimensionally stable and free from layers that reduce adhesion. For bonded screeds, the mineral substrate must be absorbent and free from gypsum, bitumen, grease and oil, dust, paint and any separating layers. Cement paste layers, lime and binary coatings must be milled or sandblasted. Pre-wet the pre-treated surface and brush Korrohaft Plus into the substrate as a bonding bridge. For larger surfaces, the bonding agent can also be made from K11 Slurry Grey, mixed with bonding emulsion concentrate.

Separating layers must be installed without folds and with sufficient overlap. Insulation must have sufficient rigidity and be laid flat. Depending on the substrate and the condition of the substrate, suitable primers from our product range must be used. Please observe the information in the relevant technical data sheets.

METHOD OF USE

An edge insulation strip must be placed before application. Approx. 2 l of cold tap water are placed in a clean container and the powder is mixed with a suitable stirrer to a homogeneous/earth-moisture/stiff plastic mass. Distribute TECHNIS C560 RAPID with a shovel or squeegee, then compact and level evenly with a levelling rod.

Remove, rub with a rubbing board and smooth with a screed smoothing trowel or smoothing machine. Insufficient compaction of ready-mixed screed mortar results in low strength and slow drying of the screed. Only mix as much TECHNIS C560 RAPID as can be applied within the working time. If work is interrupted, empty and clean the mixer, hoses and pumps immediately. Protect setting layers from drying out too quickly, e.g. through direct sunlight, draughts or excessively high temperatures. For larger surfaces TECHNIS C560 RAPID should be applied with suitable mixing pumps.

FOLLOW-UP

Protect TECHNIS C560 RAPID from premature drying, rain, strong sunlight and frost during the setting process. Before setting, check the residual moisture with the CM device. At a residual moisture of 2 CM-% the screed is ready for laying parquet and vapour-tight coverings, at 2.5 CM-% for vapour-open textile coverings and ceramic coverings. The weight for the CM device is 50 g and should extend over the entire cross-section of the screed. Then shake the sample intensively for 1 minute and read off the value after another 4 minutes. Longer waiting times falsify the value.

INSTALLATION WITH CONVENTIONAL FLOOR HEATING SYSTEMS

Heating up possible after 3 days. Keep flow temperature (+25 °C) for 3 days at first. Then increase to the maximum flow temperature. Hold for another 4 days and then reduce to room temperature/switch off heating.

OCCUPATIONAL SAFETY AND ENVIRONMENTAL PROTECTION

Contains cement, reacts alkaline with water. Eye and skin irritations are possible. Please observe the hazard warnings and safety advice on the containers and in the safety data sheets.

COVERAGE

2 kg /mm /m²

STORAGE STABILITY

Can be stored for 6 months in closed original container. Store in a cool and dry place between + 5 °C and + 25 °C.

Code	UC	PCB	GENCOD
30615547	25 kg	1	4008373130269

SAFETY

For more details, consult the safety data sheet on <https://bostikdsd.thevercs.com/default.aspx>

The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold pursuant to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the pat

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