KingFloor® C200T

Trowel applied cementitious screed.

DESCRIPTION

KingFloor C200T is a pre-bagged trowel applied cementitious screed for use as a leveling mortar and heavy duty base underlayment. The product consists of well graded sand particles, a blend of cements, additive and fibers to ensure ease of use and produce consistent quality screed.

APPLICATIONS

KingFloor C200T is formulated for use as a basic screed and trowel applied levelling mortar for applications such as:

- Floor leveling prior to tiling works.
- Repair of breakage caused by mechanical and electrical
- fittings installations or maintenance.
- Repair of damaged plaster.
- Topping over heated flooring conduits.
- Can be installed over hard wood, metal surfaces as a base layer.

ADVANTAGES

- Single component; ready to use.
- Elimination of manual labor quality problems resulting from onsite screed proportioning.
- Saves storage space of screed mixing raw materials (sand, cement).
- Reducing dust and material loss resulting from open storage of screed raw materials.
- Cost effective, easy to apply.
- Smooth finish.

STANDARDS

KingFloor C200T complies with EN 13813, Class CT-C35-F6-AR1.

METHOD OF USE

SURFACE PREPARATION

All surfaces should be sound and clean from dust and foreign matter. Ridges and trowel marks should be removed by suitable mechanical means.

TECHNICAL PROPERTIES

@ 25°C

Colour:	Cement grey
Compressive strength:	15 MPa @ 1 day 25 MPa @ 7 days 35 MPa @ 28 days
Flexural strength: EN 13892-2	> 6 MPa
Maximum wear depth: BS EN 13892-4	0.095mm
Fresh wet density:	2.2 ± 0.1 g/cm³
Working time:	0.5 - 1 hr @ 25°C
Maximum grain size:	3 mm
Application thickness:	10 - 50 mm

PRIMING

Concrete substrates should be soaked with clean water for few hours. Any access water should be removed prior to priming. The concrete substrates should be primed with KingRep 5 an KingFloor acrylic primer and scrubbed well into the surfaces. KingFloor C200T should be applied whilist the acrylic primer is still tacky.

For severe conditions or where the substrates are likely to remain damp or wet, KingBond EP100, an epoxy bonding agent is recommended.

MIXING

Mix the contents of the bag with 6.5 - 7.5 litre for 50 kg bag and 3.25 – 3.75 litre for 25 kg bag of fresh clean water using a drum or free fall mixer for 3 - 5 minutes prior to spreading.

APPLICATIONS

Mixed KingFloor C200T should be applied on the primed substrates whilist the primer is still tacky. The mixed mortar shall be spread evenly by trowell and tamped well in place with wooden float at a thickness of 12 mm - 50 mm in single application. Greater thickness can be achieved by application of multiple layers.

KingFloor C200T shall be finished with steel trowel to achieve the required smoothness and to fully close the surface.

COVERAGE

1.3 m²/25 kg bag @ 10 mm thickness.

2.5 m²/50 kg bag @ 10 mm thickness.

KingFloor® C200T

Trowel applied cementitious screed.

PACKAGING

KingFloor C200T is available in 25 and 50 kg bags.

CLEANING

All tools should be cleaned immediately after finishing by water.

STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult KingKrete's Technical Services Department.

HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative. KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from KingKrete's Middle East facility are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, ISO 14001 and ISO 45001.

* Properties listed are based on laboratory-controlled tests.
® = Registered trademark of the KingKrete-Group in many countries.

Ref: KK-07016-MEA-R01 | Issue: 01.2026

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by KingKrete Inc. either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not KingKrete Inc. are responsible for carrying out procedures appropriate to a specific application.

KingKrete Middle East
www.kingkrete.com

Disclaimer: the IAS mark relates to certified management system and not to the product mentioned on this datasheet