Base Crete 200
TECHNICAL DATA SHEET

Surface preparation and Leveling coat

Range of Use

Base Crete 200 is used as a bonding layer between old and new concrete or Tiled surfaces and for bedding and bonding overlays to existing masonry surfaces. Base Crete 200 is suitable for interior as well as exterior applications and for on-grade and above- grade applications such as floors, walls, benches, stairs and water features.

Property Profile

- Excellent bond on old and new surfaces
- Provides chemical and mechanical bond between substrate and mortar
- Easy to use by just adding water
- Can be applied using towel, brush, squeegee and spray

Substrate

Base Crete 200 can be used on various kinds of substrates, for example.

- Screed, toughened Mud surfaces
- Masonry work, render
- Gypsum boards, wood and rigid foam boards
- Old Ceramic, Concrete, Chips, Marble & Terrazzo surfaces

Required Substrate

The substrate must be sound, Load bearing and free of dirt, dust, grease/oil or loose material as well as correctly aligned and plumb. Remove hollow-lying tiles as well as loose render and old coatings and level any unevenness with Base Crete 200. Large surface unevenness on cement bound substrate floors can be quickly and economically leveled with GAC SL-215 material. Highly absorbent substrates such as gypsum, lime cement and cement renders, dry and roughened anhydrite screed, anhydrite screeds may not be subjected to moisture loads (residual moisture max. 1%). Screeds and concrete must be at least 28 days (about 4 weeks) old. For wet room waterproofing bonded to ceramic tiles (e.g., showers), apply elastic, watertight, and at last covered with Base Crete 200 must be bonded quickly to the water proofing.

Direction

- **Mixing**

  Pour clean water to a clean bucket and add slowly Base Crete 200 while mixing, mix until ready to use, lump-free consistency (mixing time is app. 3 minutes). A whole bag is mixed with a jiffy drill and mixing paddle attachment. Base Crete 200 is ready to use after it is mixed. Do not mix more material that cannot be used within 45 minutes.

- **Application**

  Make sure all cracks' holes and defects in the surface are corrected prior to applying the material.
  Once the material is mixed properly place the material on the prepared surface and smoothen the material to achieve the desired thickness and finish not exceeding more than 3mm in single application.
  Do not try to adjust the finish or over-work with the material.

- **Finishing**

  If higher thickness is required, then place the additional layer on the existing material applied before it is dry as doing so may lead to reduce bonding between the material and result in delimitation or flaking.
  Once the material is placed, allow it to dry and do not water cure the material.

Tools & Cleaning

Mixing equipment, mixing paddle attachment, mortar tub, trowel, toothed adhesive spreader. Clean tools and equipment with water before the mortar has set.

Safety, ecology and disposal

Avoid contact with skin and eyes. Use protective gloves, clothing and googles. For more information, please refer to Product Safety Information Form. (MSDS)

Packing & Shelf Life

Packaging	25 kg bags.
Consumption	For every 1 mm layer thickness app. 1.6 kg/m²
Shelf-life	In closed, original packages, free from moisture over wooden pallets 12 months.

Our recommendations concerning the technical application of the product, whether through oral or written communication or through demonstration, are given to the best of our current knowledge; however, any such instruction shall be without commitment, including where any protective rights of third parties are involved. They do not free you of the obligation to check the products supplied by us for their suitability for the procedures and applications envisaged. The (intended) use and application of the products are beyond our control. They are therefore your personal responsibility. In the event that GAC proves liable, such liability shall be limited in all cases of damage to a sum not exceeding the actual value of the goods supplied by us and used by you. It goes without saying that we guarantee the good quality of our products, in accordance with the standards set out in our General Terms of Sale and Delivery.

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Characteristic Data

Base	Cement, minerals-based fillers and special additives
Density	app 1.45 kg/dm3
Color	Grey, White
Working temperature	Between + 5°C and +35°C
Working time	Approx. 60 minutes
Walkable	at +5°C after 12 hours
Open to traffic	3 days after application
Bonding thickness	max. up to 3 mm

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