

Cemtop 200



constructive solutions

Cement based, polymer modified, self-leveling floor screed



Uses

Used as a levelling screed under tile, ceramic, granite ceramic, marble, natural stone, parquet, PVC and carpet applications.

Advantages

- Self levelling
- Rapid cure
- Does not crack even in thin applications
- Suitable for floor heating applications
- Easy to apply

Description

Cemtop 200, one component, cement based, polymer modified material which is ready to use packaged for 2- 10 mm application thicknesses, with good adherence properties.

Properties

Colour	Grey
Wet Mortar Density	2,01 kg/lt
Light Traffic Loads	24 hours
Flow ASTM Cone	
0 minute	275 mm
10 minutes	265 mm
Flexural Strength	
1 day	min 3 N/mm ²
7 days	min 4 N/mm ²
28 days	min 5 N/mm ²
Compressive Strength	
1 day	min 15 N/mm ²
7 days	min 20 N/mm ²
28 days	min 30 N/mm ²
Abrasion Resistance	
Taber 7 days (H22, 1000, 1000 gr)	max 25 gr
Taber 28 days (H22, 1000, 1000 gr)	Max 19 gr

Results above are done with 0,20 water/powder ration in controlled laboratory conditions. Results can differ in different w/p ratios and application conditions.

Instruction for use

Surface Preparation

The substrate should be clean, sound and free from loose material and contamination such as plaster, oil, paint and grease. Excess laitence should be removed by light scabbling or blasting followed by washing and vacuuming to remove dust debris. Light oil and grease staining can be removed with proprietary chemical degreaser, followed by washing with clean water.

All irregularities, cracks and holes has been repaired with Renderoc cement based repair mortars and left for curing at least 3-4 days.

Priming

The substrate should be pre-soaked with clean water and primed with Nitobond Latex before application.

Mixing

4,75 - 5,25 litres of clean water has been added to a proper mixing vessel for each 25 kg Cemtop 200 and powder has to be slowly added whilst continuously mixing, until a smooth consistency is obtained. Continue mixing for 2-3 minutes.

Mixed material has to be used within pot life.

Application

Pour the mixed material onto the primed substrate, spread with a trowel or squeegee with a thickness of 2 to 10 mm. The material must then be rolled with a spiked roller to achieve air release and final level. Material will smooth its surface.

Cleaning

Clean all the equipment immediately after use. Hardened material can only be removed with mechanical methods.

Limitations

- The application should be done between +5°C - +35°C.
- Protect from direct sun lighth and active water in application and curing periods.
- Do not apply more than 10 mm at one coat.
- Whilst the material will be ready for light traffic at 24 hours wait for at least 3 days for overcoating.

Cemtop 200

Technical Support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer onsite technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

High temperature working

It is suggested that, for temperatures above 35°C, the following guidelines are adopted as good working practice:

- Store unmixed material in a cool (preferably temperature controlled) environment, avoiding exposure to direct sunlight.
- Keep equipment cool, arranging shade protection if necessary. It is especially important to keep cool those surfaces of the equipment which will come into direct contact with the material itself.
- Try to eliminate application during the hottest times of the day and in direct sunlight.
- Make sufficient material, plant and labour available to ensure that application is a continuous process.
- Water (below 20°C) should be used for mixing prior to placement.

Supply	
Cemtop 200	25 kg bags
Coverage	
Cemtop 200	1,7 kg/m ² /mm powder

Storage

Cemtop 200, has a shelf life of 12 months if kept in a dry store in sealed bags. If stored in high temperature and high humidity locations the shelf life will be reduced.

Precautions

Health and safety

Cemtop 200 is alkaline and should not come into contact with skin and eyes. Avoid inhalation of dust during mixing. Gloves, goggles and dust mask should be worn. If contact with skin occurs, wash with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

Fire

Cemtop 200 is non-flammable.

Refer to Safety Data Sheet for detailed information.

Additional Information

Fosroc manufactures a wide range of complementary products which include :

- waterproofing membranes & waterstops
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following :

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fosroc office - as below.

** Denotes the trademark of Fosroc International Limited*

† See separate data sheet



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Important Note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.

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