



# Cebex 250

## Underwater grouting admixture

### Uses

Cebex 250 is an anti-washout grouting admixture.

### Advantages

Minimises the risk of washout of cement from grouts during placing under water.

### Description

Cebex 250 underwater grouting admixture is supplied as a ready to use, chloride-free white powder. When added to the grout, the Cebex 250 produces a gel in the water phase which surrounds the cement particles and protects them from washout. Cement hydration is not impaired by the use of this admixture. The addition of Cebex 250 may appear to thicken the grout, but this product forms a lubricating layer between the cement particles, thus improving the overall pumping ability of the grout.

### Properties

Bulk density:	50 kg/m <sup>3</sup>
Chloride content:	Nil to BS 5075
Compressive strength using a neat cement grout, at water/cement ratio of 0.4 and dosage rate of 0.2% of cement.	

Test method for result	Typical
Compressive strength (BS 1881):	13.5 N/mm <sup>2</sup> @ 1 day
	26.5 N/mm <sup>2</sup> @ 3 days
	36.5 N/mm <sup>2</sup> @ 7 days
	47.0 N/mm <sup>2</sup> @ 28 days

### Specification clauses

#### Performance specification

All grouting (specify details and areas of application) must be carried out with ordinary Portland cement grout at a water/cement ratio of 0.4 and incorporating an anti-washout admixture. The admixture shall be added to the grout at a dose of 0.05 to 0.2% by weight of cement depending on the

application. The admixture must be stored, handled and placed strictly in accordance with manufacturer's instructions.

### Application instructions

#### Mixing

Prepare the water cement grout in the usual manner. Sprinkle the admixture slowly onto the surface of the grout and continue mixing for a further 1 - 2 minutes. The grout is now ready for use.

#### Cleaning

Spillages should be removed in the dry state. Because of its water resisting properties, Cebex 250 will be harder to wash off equipment than normal cementitious grout. Use of hot water greatly reduces the time required for cleaning. **Do not** use hot water for mixing the grout.

#### Dosage

The dosage rate may be varied depending on the application. The range of dosage is between 0.05 to 0.2% by weight of cement.

#### Supply

Cebex 250 is supplied in a 1 kg bag.

#### Storage

Cebex 250 has a shelf life of 12 months if kept in dry store in its original packaging.

#### Limitations

Grout should not be applied below 3°C. Overdosing may lead to air entainment, result in a decrease in compressive strength.

#### Precautions

#### Health and Safety

For further information refer to appropriate Product Safety Data Sheet.



#### Important note

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Certificate number FM 610