

CHEMfix 250

Expanding, Plasticizing Additive for Grouts, Mortar & concrete

Description

CHEMfix 250 is an additive for grout and concrete which helps in counter acting initial shrinkage in the cement grout. It enables production of cement grout with reduced water cement ratio.

ADVANTAGES

- Non - metallic
- Permanent expansion
- Suitable in any consistency - earth dry to free flow
- High compressive and bond strength
- Reduced creep and no shrinkage
- Resistance to frost and fire damage
- Dimensional stability
- No plastic settlement

USES

- **CHEMfix 250** is an ideal additive to cement to produce non-shrink grout.
- **CHEMfix 250** can be used in pre-stressing and post- tensioning applications without fear of corrosion of tendons.
- **CHEMfix 250** can be used for floor patching, joining of prefabricated units and bonding new to old concrete.

FUNCTION

The basic characteristic of cement, which causes it to shrink, is a drawback in many applications, for e.g. grouting. The traditional means of correcting this effect has been utilizing the expansive property of certain metallic powders like iron and Aluminum; either oxidation or gas formation causing the expansion to counter shrinkage. Both systems have their own disadvantages. **CHEMfix 250** produces a non-shrink grout free from all side effects.

TECHNICAL INFORMATION

Supply form	: Powder
Chloride content	: Nil
Iron content	: Nil

TECHNICAL SERVICES

A trained **CHEMfix** representative is available to assist in the preparation of formulation and to help in the resolution of concrete problems in the field.



Technical Datasheet

METHOD OF USE

It is advisable to pre-mix **CHEMfix 250** to dry cement or cement-sand mix and the mix is added to the mixing drum containing measured quantity of water.

Mixing is to be carried out for 3-4 minutes for effective dispersion of the additive. To ensure the grout does not contain lumps, it is suggested to sieve the slurry.

COMPATABILITY

CHEMfix 250 can be used with all available types of cement.

RECOMMENDED DOSAGE

500Grams for 50 Kg bag of cement, for grouts.

SHELF LIFE

12 months in sealed packets. Store as cement is stored.

SAFETY PRECAUTION

CHEMfix 250 is not a fire/ health hazard. Spillages should be washed out immediately with fresh water. Wear goggles and rubber gloves for proper handling.

PACKAGING

1 & 5 Kg Bag

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