

CHEMfix 102

Powder integral waterproofing Admixture for mortar & concrete

Description

CHEMfix102 is a normal setting powder waterproofing admixture, the action of which is to block the capillaries and pores in concrete and mortar. While blocking the passage of water it allows the structure to breathe, thus considerably reducing the possibility of condensation. Suitable for use in tropical and hot climatic conditions.

ADVANTAGES

- Reduces water requirement of concrete and mortar mixes.
- Reduces permeability and water absorption of concrete and mortar without causing strength reduction.
- Improves workability
- Produces dense and homogeneous concrete
- No effect on setting time of concrete / mortar

USES

- **CHEMfix102** helps to produce impermeable concrete for water retaining structures, terraces, basements, tunnels, pile foundations etc.
- **CHEMfix102** can be used as a waterproof admixture in cement-sand mortar for external and internal plastering of underground structures, tanks, masonry screed etc.
- **CHEMfix102** produces cohesive concrete and hence the property of set concrete/mortar is improved.
- **CHEMfix102** helps in reduction of water demand & workable concrete and thus aids in minimizing segregation and bleeding.
- **CHEMfix102** facilitates prevention of corrosion of steel in concrete because of reduced capillaries and hence the life span of the building is increased.

FUNCTION

CHEMfix102 helps to reduce permeability and water absorption of concrete and mortar. It thus prevents premature disintegration of concrete and masonry structures resulting from the leaching of water soluble components. It also protects building interiors against water seepage.

TECHNICAL INFORMATION

Supply Form : Powder

Color : White

Chloride : Nil



Technical Datasheet

METHOD OF USE

CHEMfix102 should be mixed and thoroughly dispersed with the dry Portland cement and aggregate before the addition of gauging water. In transit-mixed concrete, **CHEMfix102** can be added to the dry mixture, mixed dry for about five minutes, and then the gauging water is to be pumped in.

COMPATIBILITY

CHEMfix102 can be used with ordinary Portland cement, blended cements and sulphate resisting cement.

SPECIFICATION COMPLIANCE

Satisfies the requirements of IS: 2645 - 1975 (Reaffirmed to 1992) with respect to permeability test. The tests are carried out as per the guidelines in Appendix A of Bureau of I.S. Specification for Integral Cement Water Proofing Compound's.

RECOMMENDED DOSAGE

1 Kg per 50 kg bag of cement.

SHELF LIFE

One year in sealed packs.

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.

SAFETY PRECAUTION

CHEMfix102 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 Kg Bag