

CHEMfix 530

Dynamic Strength Super Plasticizer & Concrete Accelerator

Description

CHEMfix 530 is naphthalene-based highly effective water reducing super plasticizer for promoting accelerated early and ultimate strength development; At cooler temperatures conventional accelerator reduce initial setting time.

CHEMfix 530 contains no chloride, non-corrosive to steel bars, non-poisonous, odorless, and non-flammable.

Standard Compliance

It complies with ASTM Designation C494, Type A & F.

Advantages

- Substantial improvement in workability without increased water or the risk of segregation.
- Normal set without retardation, even when overdosed. Improved density and surface finish.
- Grater Impermeability.
- Reduce segregation & Bleeding.
- Compatible with Portland cement, Normal Portland cement, Portland Slag Cement, Flyash Cement, Portland Pozzolanic Cement, etc.
- Improve workability (slump) of concrete when added into mixing truck.

Uses

- Set acceleration without corrosion.
- Controlled acceleration (Determined by Dosage).
- Produces the high slump flowing concrete with no loss in strength.
- Produces low water/cement ratio concrete with high strengths.
- Ideal for using in high strength concrete, flowing concrete, early strength concrete, precast steam curing concrete, prestressed concrete etc. where it is desired to keep the water/cement ratio to a minimum and still achieve the degree of workability necessary to provide easy placement and consolidation.
- Be used as basic material to produce others compound admixtures, (such as accelerating and water-reducing admixture, retarding and water-reducing admixture, pumping antifreeze and pumping water-reducing admixture, etc.)

TECHNICAL INFORMATION

CHEMfix provides a comprehensive technical Support service to specifies, end users and Contractors and is able to offer on-site technical assistance.

Appearance: Dark Brown

Supply Type: Liquid

Specific Gravity: 1.07



Technical Datasheet

Dosage

CHEMfix 530 is normally use at dosage rate of 1 liter to 2.5 Liters per 100 kg. cement As the quantity is increased the acceleration of setting time is increased. It is suggested that trial mixes by conducted in order to determine to required dosage for optimum performance with specific concrete components.

Packaging & Storage

CHEMfix 530 is available in 210 Liters Drum & 1000 Liters Bulk Tanks and has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Health & Safety Precautions

CHEMfix 530 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information refer to the Material Safety Data Sheet available for this product.

Important note

CHEMfix endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied as **CHEMfix** has no control over the condition of use and the competence of any labor involved in the application are beyond our control.

Cleaning

Utilize clean water for cleaning of equipment and tools.

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied in accordance with current best practice, national standards and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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