



CHEMfix506

High Range Water Reducing & Set Retarding Super Plasticizer for Concrete

CHEMfix 506 is a water reducing, highly effective super plasticizer with a set retarding effect for concrete in the area where required delays concrete setting time. It has also high range water reducing for promoting high early and ultimate strengths of concrete.

CHEMfix 506 is naphthalene-based super plasticizer compounded by some of high-performance retarder, stabilizer and reinforcing admixtures etc.

Standards Compliance

It complies with ASTM C 494 Type A, D & G

Uses

- **CHEMfix 506** is ideal concrete admixtures for preparing high-performance and high-strength concrete, mass concrete and long-distance transport concrete etc.
- It is suitable for working condition under temperature 5-40 °C.
- Test before applied in anhydrite, dross or similar industrial waste cement.

Advantage

- Has a high efficiency water-reducing, retarding in the initial setting and early strength in final setting, late enhanced, less slump loss etc. which is extremely beneficial to the transport and to pouring of concrete.
- Hot weather concreting where controlled delay to initial set is of prime importance.
- Increases initial workability. High ultimate strengths.
- The concrete of compressive strength, flexural, tensile, impermeability and durability are significantly improved and enhanced.
- The concrete setting time prolong 1-3hours, it can also be adjusted according to the user's demand. It has not affected
- the strength growth of concrete at different time.

TECHNICAL INFORMATION

FORM: Liquid

COLOUR: Dark Brown

SPECIFIC GRAVITY: 1.05

FREEZING POINT: 0 °C

CHLORIDR CONTENT: Chloride Free



Technical Datasheet

Dosage

0.5-1.2% by weight of cement. Exact dosage rates are dependent on the type of effect sought, quality of cement and aggregates, water/cement ratio and ambient temperature. Therefore, in many cases it is advisable to carry out trial mixes. Using during mixing and after-mixing method and properly prolong stirring time to assure even.

Technical Support

CHEMfix provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Packaging & Storage

CHEMfix 506 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 506 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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