

ISOTEC F395[®]



High Range Water Reducing and Super Plasticizer

FEATURES

ISOTEC F395[®] is a concrete admixture based on polymers a highly effective dual action liquid super-plasticizer for the production of free flowing concrete or as a substantial water-reducing agent for promoting high early and ultimate strengths.

ADVANTAGES

ISOTEC F395[®] is used wherever high quality concrete is demanded under difficult placing and climatic conditions. It is designed for promoting high early and ultimate strengths.

APPLICATION

ISOTEC F395[®] is suitable for use with all types of ordinary Portland cements sulphate resisting Portland cement and pozzolanic materials such as PFA and microsilica.

The product improves workability without increased water.

- Improved workability.
- Pre-cast concrete elements .
- Enhanced good flowing concrete.
- Significantly reduces the risk of segregation.
- Reduced cement content.
- Improved durability.
- High early and ultimate strengths.
- Chloride free.

TECHNICAL DATA

- Nature: Brown liquid.
- Specific Gravity: 1.195 ± 0.02 .
- pH: 7 ± 2 .
- Chloride content: Nil.

PACKAGING

ISOTEC F395[®] is available in IBC and other pack size.

STANDARD SPECIFICATIONS

Complies with ASTM C494- Type F and BS 5075 Part 3

DOSAGE

The required dosage depends on the concrete design and varies typically between 0.5 – 3 % of the cement weight.

ISOTEC F395 should be added with the water before mixing the concrete. Dosages outside this range as well as blending with other admixtures can be used to produce particular mix requirements. After laboratory trials to obtain desired level of performance and benefits.

OVERDOSING

An overdose of **ISOTEC F395[®]** will result in a significant increase in retardation. However provided that adequate curing is maintained, the ultimate strength of the concrete will be maintained or increased.

COMPATIBILITY

ISOTEC F395[®] is compatible with a wide range of admixtures. All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

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SHELF LIFE

12 months when stored below 25°C under shade in a dry area.

HEALTH, SAFETY & ENVIRONMENT

ISOTEC F395[®] is Non-Toxic under relevant health and safety code.
Residues of material must be removed according to local regulations.
Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose



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