



CRETESTONE

CRETOPLAST AD-1304

[Superplasticizer and Water Reducing Agent for Concrete]

Description

CRETOPLAST AD 1304 A highly effective high range water reducing agent and superplasticizer for promoting accelerated hardening and free flowing concrete.

Uses

CRETOPLAST AD 1304 a superplasticizer for free flowing concrete in floor, slabs, foundations, slender components with dense reinforcement, walls, columns, pavements and other structural and non-structural elements. Specially recommended for the following types of concretes :

- High performance concrete
- Ready mix concrete
- Pre cast concrete
- Pre stressed concrete
- Site batched concrete

Advantages

CRETOPLAST AD 1304 is a powerful superplasticiser based on advanced technology which gives the following advantages:

- High water reduction.
- Higher strength and density
- Improved cohesion properties
- Improved durability
- Improved water tightness

Approval Standard : Complies with IS 9103-1999, ASTM 0494

Color

Light Brown liquid

Packing

230 kg HDPE carboy or Tanker supply.

Technical Data

Chemical Base	: Modified Polycarboxylate
Relative Density	: 1.2kg/l at 25 Degree
pH Value	: ≥ 6
Chloride content	: Nil

Dosage

0.5% to 1.5% by weight of cement . Higher dosage may be used if agreed by engineer and consultant Actual dosage to be finalized on the basis of site trials. Stir well before use

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Compatibility

CRETOPLAST AD 1304 may be combined with many other CRETESTONE products. Important: Always conduct trials before combining products in specific mixes and combinations. Compatible with all types of cement and cementitious material.

Dispensing

CRETOPLAST AD 1304 can be added into the mixing water or directly into the concrete mixer after 50 — 70% of the mixing water has been added. The addition of CRETOPLAST AD 1304 to dry aggregate or cement is not recommended.

To achieve optimum performance a minimum wet mixing time, which is depending on the mixing conditions & the mixer performance, of 60 seconds is recommended.

Application Method

By use of CRETOPLAST AD 1304 concrete of highest quality can be produced.

The standard rules of good concreting practice, concerning production, placing and testing are to be followed. Fresh concrete must be cured 25 per the relevant standard.

Health & Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Storage

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.

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