



UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

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PRODUCT SUMMARY

www.uclidtechnology.com

UCOPLAST - SR - 550

CA-114

Superplasticiser For Improved Slump Retention

Advantage

- * Imparts extreme fluidity.
- * Retention extended for any period of time
- * Achieves good compaction without need for excessive vibration
- * Reduced permeability
- * Facilitates rapid placing of concrete
- * Increase compressive and flexural strength
- * Reduced segregation and bleeding
- * Chloride – free
- * Controlled predictable retardation of setting and improved slump retention.
- * Can be designed to pump easily at low water / cement ratios and moderate cement contents.

Product

UCOPLAST-SR-550 is a high quality superplasticiser capable of high workability retention with set retarding effect complies with ASTM-C494 type A,G and BS 5075 part 3,

Composition

UCOPLAST-SR-550 is brown liquid based on modified sulphonated naphthalene and specially selected organic polymers.

Purpose

To impart very high workability to cement/ aggregate mix without the addition of extra water to improve retention of high workability with time without excessive retardation of set. Advantageous in high temperature applications.

Dosage

400 – 800 ml / 50 Kg. Cement.
Optimum dosage should be determined by site trials.

Packing

5,10,50,100,210 Ltr drums for Bulk delivery.

Our Sole Distributor :

Innovative MARKETING

Shop No. 1, Avni Complex,
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.
Phone : (0260) 373551
E-mail : inn_marketing@yahoo.co.in

Our Dealer :

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Description

Ucoplast SR –550 is a new high range water reducing superplasticiser admixture specially formulated specially to extend working time of flowing concrete. The incorporation of a retardant into the system enable workability to be retained for longer period.

Ucoplast – SR –550 extends the time span of the slump increase twice or longer.

Benefit

The powerful dispersing action and the extended period of fluidity offer the following benefits.

1. High workability :

Concrete containing Ucoplast SR- 550 literally flows and it is almost self levelling. It can be place around congested reinforcement and requires little or no vibration, this significantly reduces concrete placement time and cost. Improved finish without risk of bleeding and segregation.

2. Slump Retainer :

Ucoplast SR – 550 retains the slump for longer time and no adverse effect on ultimate strength specially suitable for hot climate and where pumped concrete is used

3. Water Reducer :

As a water reducer Ucoplast SR-550 helps upto 25% water reduction which significantly increase early and ultimate strength improves surface finish and water tightness.

Where to use

- * Precast & Prestressed concrete
- * Mass concreting
- * Pump concrete
- * Congested Reinforcement concrete

Technical Data

Physical State.....Brown Liquid
Chloride Content.....Nil
Air entrainment.....Slight
Sp.gravity.....1.25
pH.....7.5 ± 1
Compatibility.....with all OPC

Method of use

Ucoplast SR –550 is to be added into the guaging water and then in concrete.

Normal dosage of Ucoplast–SR-550 is in the range of 400 ml – 800 ml per 50 Kg. Cement, depend upon the workability required.

Overdosing

Overdosing should be avoided since it may produce a concrete which may lead to segregate and prolonged retardation of set.

Storage Life

One year in the manufacturers drums. Protect from frost and direct sunlight.

Health & Safety

Ucoplast SR–550n is an industrial chemical,ingestion should be avoided.

Important Note :-

All product should be used in accordance with manufactures instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.