



UCOPLAST-PC

CA-106

High performance Super Plasticizer for Low W/C Ratio Concrete

Product

UCOPLAST-PC is the new generation super plasticizing admixture based on modified polycarboxylate.

It complies as per Specification IS: 9103-1999 and ASTM-C-494-86, Type F.

UCOPLAST-PC is especially designed for concrete mixer, which helps in ultra high water reduction, excellent flow characteristics, etc.

Composition

UCOPLAST-PC is a light yellow liquid based on super plasticizing admixture based on modified polycarboxylate.

Benefits

- Flow-able mix without bleeding and segregation
- Ultra high water reduction- up to 35%
- High early Strength
- Produces flow-able concrete resulting easy placing and eliminates honeycombing
- Reduction in shrinkage cracks.
- Less Permeable and hence more durable concrete

Technical Data

Appearance.....Light Yellow Liquid
Sp. Gravity..... 1.130 +/- 0.02 at 25° C
Chloride content..... Nil
PH Value..... 6.50 +/- 1

Where To Use

- Precast Concrete
- High Volume Fly Ash Concrete
- High Performance Concrete
- Reinforced Concrete

Compatibility

- UCOPLAST-PC is compatible with all types of cement e.g. OPC, PPC, PSC etc.
- UCOPLAST-PC is compatible with all air entraining agent that complies with IS 9103-2003 and Integral water proofing compound that complies with IS 2645-1978. If other admixtures are to be used in concrete containing UCOPLAST-PC, they must be dispensed separately.

Dosage / Method Of Use

- Dosage range of UCOPLAST-PC should be 150 ml to 600 ml per 50 KG bag of Cement. Optimum dosage should be determined by doing site trail mixes. Dosage may go above maximum limit for High performance Concrete and shall be determined by site trail Mix.
- The correct quality of UCOPLAST-PC should be measured with recommended dispenser and should be added to the concrete with remaining 30% mixing water and allow to mix it for at least 60 seconds.
- UCOPLAST-PC should not be added in dry mixes under any circumstance.

Packing

50, 100, 250 KG in Plastic Barrel

Storage

- Keep the liquid above freezing temperature.
- If the product has frozen, thaw it at room temperature (25° C) and agitate until complete reconstitute in the original form.
- Store under cover, protect from direct sunlight.
- Failure to comply with recommended storage condition might result in premature deterioration of the products and packaging.

Handling Precaution

- UCOPLAST-PC is a non-toxic and inflammable. When in contact with the skin, it should be washed with cold water.

Important Note:

All products should be used in accordance with manufacturers instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

**INNOVATIVE
MARKETING**

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