



UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

Reg. Office :
Plot No. 16, G.I.D.C. Estate,
PARDI-396 125, Dist. Valsad,
Gujarat (India.)
Tele Fax : 0260- 373145
E-mail : uclidtl@yahoo.co.in

PRODUCT SUMMARY

www.uclidtechnology.com

UCOPLAST - AIREX

CA-117

Air Entraining Admixture / Water Reducer

Advantages

- * Controllable rate of addition.
- * Air entrainment without loss in strength.
- * Improves cohesion and workability.
- * Enables water reduction.
- * Gives good freeze / thaw resistance.
- * Chloride - free.
- * Reduces permeability.
- * Reduces segregation and bleeding.

Product

UCOPLAST - AIREX is an air entraining admixture / water reducer complying to IS-9103, BS- 5075 Part -2

Composition

UCOPLAST - AIREX is brown liquid based on blend of ligno and surfactant.

Purpose

UCOPLAST - AIREX Produces controlled air entrainment in concrete mixes.

Dosage

100-250 ml / 50 kg cement. Optimum dosage should be determined by site trials.

Packing

10,50,100,210 Liter drums of 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 - AIREX is designed to produce air - enterainment in concrete mixes.

When ever as well compacted, durable concrete with resistance to frost action and effects of de-icing salt is required. UCOPLAST -AIREX improves workability and reduces tendency to bleeding. It also reduces density of lightweight blocks, without impairing strength.

UCOPLAST - AIREX gives increased durability to dense concrete blocks and because of entrained air, a reduction in material cost is achieved.

UCOPLAST - AIREX reacts physically to produces stable minute air bubbles which are distributed uniformly throughout the concrete.

By incorporating UCOPLAST - AIREX the improvements in workability and cohesion are achieved. which enables reduction to be made both in the sand cement and in water cement ratio. unaffected setting time even when over-dosed.

Where to use

Mass concreting works of dams, marine enviornments and concrete in subjected to ground water salts.

UCOPLAST - AIREX is use to produce workable and durable concrete for roads, runways, taxiways, power stations and under ground water tanks.

Technical Data

FormLiquid
ColourBrown
pH7.5
Cl⁻ ContentNil

Method of use

UCOPLAST - AIREX should be added Preferably through a calibrated dispending unit and added to the mix with the guaging water to ensure correct mixing.

The dosage rate of 100-250 ml of UCOPLAST - AIREX / 50 kg cement will normaly produce an air- entrainment of 4% - 5% .

The dosage rate of UCOPLAST - AIREX will vary depending upon the particular materials and mix design being used.

Shelf Life

UCOPLAST - AIREX has a shelf life of 12 months when stored in unopened containers in frost free conditions.

Handling Precaution

UCOPLAST - AIREX is an industrial chemical and mildly alkaline prolonged contact with skin 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.