



## UCOPLAST-ACF

CA-110

### Chloride Free Accelerator

#### Product

UCOPLAST-ACF is a unique chloride free accelerating admixture for concrete with plasticizing action.

#### Composition

UCOPLAST-ACF is Colourless liquid based on inorganic substances and blend of accelerators.

#### Description

UCOPLAST-ACF is a unique chloride-free accelerating admixture that is ideal for increasing rate of strength gain and it offers the effect of low temperature by accelerating the rate of setting, strength gain and heat evolution.

Work can be continued under adverse weather condition of the concrete and without fear of chloride corrosion.

For concrete and work made to fix workability the plasticizing action of UCOPLAST-ACF enable a reduction in water cement ratio.

UCOPLAST-ACF gives increased rates of production due to the higher early strength of the concrete.

#### Technical Data

Form .....	Liquid
Colour .....	Colourless
Sp. Gravity .....	1.13
pH .....	7.5
Cl- Content .....	Nil
Air Entrainment .....	1% - 2% depend on grading of sand and water content.

#### Advantages

- Reinforcement will be free from chloride corrosion.
- Accelerate the rate of setting and strength-gain.
- Reduces water / Cement Ratio.
- Protection against frost damage.
- Useful for cold weather concreting.
- Ideally Suited for Precast Production.

#### Purpose

To accelerate the setting and hardening of concrete. Useful in cold weather concrete working and emergency repair work.

#### Typical Applications / Where to Use

Ideally suited for use in Pre-Cast production, cold weather concreting, concrete requires high early strength, retaining walls etc.

#### Method of Use

UCOPLAST-ACF is ready to use and should be added to the gauging water.

#### Dosage

Dosage rate is 1 ltr approx. per 50 KG cement preferably determined by site trials.

1 Ltr. - 2 Ltr. / 50 KG cement

**Packing**

5,10,50,100,210, Litre drums

**Compatibility**

UCOPLAST-ACF can be used with all types of OPC except high alumina cement. It should not be premixed with other admixture.

**Storage**

- UCOPLAST-ACF has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing. Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

**Handling Precaution**

- UCOPLAST-ACF is an industrial chemical; required handling precautions should be followed.
- UCOPLAST-ACF is non-flammable and doesn't contain any flammable ingredient.
- UCOPLAST-ACF is non-hazardous, however inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

**Important Note:**

All products should be used in accordance with manufacturer's 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.

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**INNOVATIVE  
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