



UCOPLAST-ACG

CA-102

Shot Crete and Guniting Plasticizer.

Product

UCOPLAST-ACG is a quick setting set accelerator used for sprayed concrete and mortar.

Composition

UCOPLAST-ACG is based on inorganic substances.

Description

UCOPLAST-ACG is a ready to use accelerator based on modified silicates and water proofing agent in liquid form that is added to the mixing to the water prior to their addition to the cement concrete system UCOPLAST-ACG reacts in the mix to greatly assist in hydration process that gives early high strength.

Ideally suited for gunniting and shotcreting, overhead spraying which reduces dust production, great reduction in rebound loss, also helps in better adhesion to wet and damp substrate.

Technical Data

FormLiquid
Colour Colourless
TypeInorganic Substances
Cl- Content Nil
Sp. gravity 1.3-1.4 KG / Litre

Advantages

- Increased speed of operations.
- Accelerates the rate of settings.
- Reduces rebound loss considerably.
- Improves adhesion and speeds overhead works.
- Improves density and compressive strength.
- Improved water - tightness.

Purpose

To accelerate the setting & hardening of concrete/mortar for vertical & overhead applications.

Where to Use

- Tunnels, Underground Chambers
- Swimming pools, Concrete repair
- Excavation, shoring operations
- Embankments.
- Basement walls, floors, tanks.

Method of Use

UCOPLAST-ACG is added to the mixing water prior to their addition to the dry cement aggregate system. Rates of set for unite mixes are slowed down when sprayed onto acid substrates. The type and age of cement could also be an influencing factor. Therefore it is advisable to carry out trial mixes by Gilmore Needle to determine the correct dosage rate.

Over Dosing

Dosing up to 10% is having no detrimental effect. It may cause 'Flash Set'.

Dosage

2% to 7% by weight of cement
Optimum dosage should be determined by site trials.

Packing

5,10, 50, 100, 210 Liter drums or bulk delivery

Storage

- UCOPLAST-ACG 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-ACG is an industrial chemical; required handling precautions should be followed.
- UCOPLAST-ACG is non-flammable and doesn't contain any flammable ingredient.
- UCOPLAST-ACG 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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