

K2 PLAST CURE

Accelerating Admixture for Unreinforced Concrete / Mortar

Description:

K2 PLAST CURE is an accelerating compound used for bold concrete and mortar for early strength development and earlier removal of framework and to help resist the effects of freeze and thaw. Ideal for cool temperature.

Area of Application:

- Paver block.
- Solid concrete block.
- Hollow concrete block.
- Concrete roof tile.
- Light weight concrete blocks (CLC).

Technical Properties:

Properties	Results
Appearance	Water color Liquid.
Specific Gravity	1.31 – 1.32 at 30°C.
Chloride Content	20% Approx.
Air Entrainment	General less than 1% additional air.

STANDARD:

K2 PLAST CURE complies with BS 5075 part 1 and conforms to type C as per ASTM C 494.

COMPATIBILITY WITH OTHER ADMIXTURES

K2 PLAST CURE is compatible with other K2 admixtures but should be admixed separately to the concrete mix design. Air content may reduce when some other air entraining agent is used in accelerating admixture for unreinforced concrete / mortar the concurrence with K2 PLAST CURE. Consult technical person in case other chemicals are to be used.

WITH CEMENT

K2 PLAST CURE is compatible with all types of cement except high alumina or sulphate resistant cements.

Benefits:

- Low cost and highly efficient for low temperature condition.
- Control water/ cement ratio and provides extra protection from frost.
- Gives early strength that enables earlier release of precast concrete.
- Allows non-stop/unremitting/constant placing of concrete at low temperatures.
- No Segregation thus giving high density and high compressive strength.

WORKABILITY

K2 PLAST CURE if used without reduction of the water content in concrete may increase the slump and improves concrete flow without decrease the compressive strength of the concrete.

DOSAGE

- 200ml to 500ml per 50 Kg Cement.
- For temperature below 4°C to -2°C, dosage will be 1.4 kg / 50 kg cement.

OVERDOSING

- Will Increase acceleration.
- May increase work ability.
- There may be slight increase of air entrainment

MIXING PROCESS

The required quantity of K2 PLAST CURE should be added to the mix directly into the mixture or at the time of mixing water.

CURING

Normal curing is required.

Packing:

K2 PLAST CURE is available in 30kg and 250kg Pack.

Shelf Life and Storage:

K2 PLAST CURE has a Shelf life of 24 Months from the date of manufacturing. Provided the storage temperature 10°C to 40°C.

Health & safety:

K2 PLAST CURE is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and seek medical advice immediately.

FIRE

K2 PLAST CURE is non-flammable.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

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