

K2 HIPLAST MPA

Plasticising, Non-chloride Set Accelerator



PRODUCT DESCRIPTION

K2 Hiplast MPA may be used in all zero or low slump concrete to increase workability while retaining cohesiveness and providing rapid strength gain. In addition K2 Hiplast MPA accelerates the hydration process of cement and eliminates or reduces the requirement of steam curing. K2 Hiplast MPA is intended to use in normal weight or light weight concrete block mixes and may be beneficially used in concrete pipe, concrete tile and concrete brick and paver blocks.

USES

- Normal weight or Light weight concrete blocks.
- Interlocking blocks, Cementitious tiles.
- Reinforced precasts like Hume pipes, concrete poles etc.
- Cold weather concreting PCC as well RCC.
- Concrete precasts.
- Prestressed concrete.
- Suitable to be used with automated cement block making machines.

BENEFITS

- Chloride free hence non corrosive.
- Suitable for reinforced precast .
- Accelerated strength.
- Reduction or elimination of steam curing , saves fuel cost.
- Increased plasticity.
- Water reduction provides overall increased strength.
- Better compaction.
- Increased strength.
- Sharper corner , edges & textures.
- Reduced cracking & crazing.
- Can be used with white cement based mixes & in colored concrete.

TECHNICAL SPECIFICATION

Properties	Result
Base of Material	Modified Melamine Formaldehyde Condensate
Appearance	A clear liquid
Specific Gravity	1.210
Chloride Content	NIL

APPLICATION INSTRUCTIONS

DOSAGE

The optimum dosage is best determined by site trials with concrete mix design which enables the effects of workability, strength and acceleration required.

NORMAL DOSAGE

400 ml to 1.00 liter per bag of cement.

Packaging :

30kg and 250 kg.

Shelf Life & Storage :

Shelf life is one year from the date of manufacturing. Store the material in shed.

Health & Safety:

K2 Hiplast MPA 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 skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and medical advice sought immediately.

FIRE:

K2 Hiplast MPA is nonflammable.

TECHNICAL SUPPORT

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

Important note :

Jay Chemical Industries 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 Jay Chemical 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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