

# MARKSPEED ACL-CC

ACCELERATING ADMIXTURE FOR CONCRETE BLOCKS



## DESCRIPTION

**MARKSPEED ACL-CC** is ready to use accelerating admixture with plasticizing action which improves good dispersion of cement particles and 1-4 hours of acceleration of setting time over controlled concrete. As an accelerator, it can be used to reduce the setting time in cold temperatures. As a plasticizer, it can be used to increase workability without addition of water or obtain increased strength by reduction of water for a given workability. Cement reduction up to 10% is possible for a given workability and strength.

## FEATURES / ADVANTAGES

- Quick Setting Time
- Chloride Based
- Increases strength due to lower water cement ratio
- Improves workability makes placing, compaction and finishing easier and better
- It provides high early strength for fast demoulding from framework
- Allows earlier release from precast moulds
- Nontoxic

## TYPICAL APPLICATIONS

- Concrete hollow
- Paving Blocks
- Bricks made with Fly Ash

## TYPICAL CHARACTERISTICS

- Nature : Single component, liquid
- Color : Off white color.
- Relative density at 25°C : 1.190 ± 0.02gms/cc
- PH Value : Min. 6

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## SPECIFICATION COMPLIES

- IS: 9103 Accelerating admixture
- BS: 5075 PART 1
- ASTM: C-494, Type-C

## DIRECTIONS FOR USE

### DOSAGE

MARKSPEED ACL-CC should be used along with the mixing water to ensure uniform dispersion. As a guide, dosage of 0.6-1.70 liter per 50 kg cement may be used for acceleration of 1-4 hours. However best dosage can be determined by site trials

An overdose of this further accelerates the set rate of concrete but does not affect the ultimate strength of concrete.

Good curing practices should be maintained such as water spray wet hessian or curing with spray applied curing compounds

## CLEANING OF TOOLS AND EQUIPMENTS

Tools and equipment's can be easily cleaned with water. Skin contact should be avoided as it is slightly acidic & seek medical advice.

## STORAGE AND SHELF LIFE

Store the material under shades and temperature up to 50°C. Shelf life is one year when materials are stored in unopened containers as per recommended storage conditions.

## PACKING

50 Kg and 250 Kg Barrel

## PRECAUTIONS

- Do not mix with dry cement
- Add to mixing water only
- Stir well before use

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## DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential nonperformance.