



**Redwop**<sup>®</sup>  
INNOVATING FOR A BETTER WORLD

**ACCELERATING ADMIXTURE**



## BLOCKFAST AC-300

High range water reducer accelerators

### Description

BLOCKFAST AC 300 is polycarboxylate ether based concrete accelerator and is supplied as a light Yellow liquid. When added to cementitious mixes it accelerates hydration and enables the water content to perform more efficiently by dispersing agglomerated cement particles. This further improves strength by enabling water reduction to be made at constant workability.

### Advantages

- High range accelerating admixture for both the unreinforced and reinforced cement concrete and mortar
- High range accelerating admixture for both the unreinforced and reinforce cement concrete or mortar
- High range water reducer for concrete or mortar with increase in workability
- Reduces segregation and increases compressive strength
- Reduces porosity in concrete and increases durability
- Early release from precast moulds rapidly increases production in industry
- Produce super smooth and glossy surface
- Reduces honeycomb in concrete structure
- Produces a homogenous, cohesive concrete generally without any tendency for segregation and bleeding

### Uses

- Fast accelerating admixture for paver & precast industries and higher grade of concrete
- High range accelerator for concrete works either reinforce or unreinforced
- Glossy and smooth surface for precast product
- Precast concrete work
- Pre stress concrete work
- All types of low and high rise buildings

### Standard Confirm

- IS 9103:1999

## Standard Compliance

- BS 5075 Part 1 ASTM C1141, Type C

## Technical Information

PROPERTIES	RESULTS
Appearance	Light yellow color liquid
Sp. Gravity	1.05 to 1.10 @25°C
pH Value	7 to 8
Chloride Content	Nil

## Method of Application

- BLOCKFAST AC-300 dosage ratio depends on mix design according to the requirement of site specification. Recommended doses as a guideline 0.6 to 1.5% volume by weight of cement depends on mix design.

### This in turn leads to a series of associated benefits

- **Enhanced durability:** BLOCKFAST AC-300 reduces the time of setting and increases the rate at which the strength is developed and enhances the durability.
- **User friendly:** It makes highly workable concrete which will be easier to place it.
- **Definable performance:** Positive benefits are easily demonstrated via a single and simple measurement.
- **Workability:** The addition of BLOCKFAST AC-300 increases the slump and significantly improves concrete flow characteristics with increase in compressive strength.

## Over dosing

- Overdosing will increase acceleration and workability.

## Curing

- Normal good curing practice should be adopted.

## Packaging

- BLOCKFAST AC-300 is supplied in 25, 50 & 220 Kg drums.

## Storage

- Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

## For selection of admixture

- As per your project please visit our smart store in [www.redwop.net](http://www.redwop.net)

**Note:** All technical data stated in this product data sheet are based on laboratory tests. Actual measured data may vary according to trails and quality of material availability.

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