



## ACE-EX ADMIX

### PRODUCT DESCRIPTION:

ACE-EX Admix is reactive admixture formulated to reduce the setting time and reduce the Demoulding time or improve the green strength of cement based composites in Road Building, Cold weather Concreting, Cementitious Floorings, IPS Floorings, Architectural Precast & Functional Industrial Precast elements. & Steel Reinforced concrete, Glassfiber reinforced Concrete ( GFRC), Textile Reinforced Concrete ( TRC)

### PURPOSE:

As Chloride free accelerator helping to speed up the setting time, reduce the demoulding time of concrete / cementitious products. It also increases the compressive strength of the concrete, Mortar, pre cast elements. It reduces & controls the shrinkage in concrete

### USAGE:

It is to be used as an additive based on the cementitious content in the mix to increase the compressive strength, & shorten, reduce the setting time of the pre cast element & in Floorings/ Concreting applications. It is also used as an Admixture in Cold weather Concreting to speed & accelerate the strength gain in Cold weather concreting applications

### DOSAGE:

Recommended dosage for concrete/mortar/Pre cast, Floorings, Slab castings applications is 0.5 to 5 % on cementitious content in the Concrete mix design.

### ADVANTAGES:

- Totally chloride free, so safe to be used in reinforced pre cast elements
- Promotes early strength
- Possibility to optimize cement content by 20 % & also dosage of Plasticizer
- Good workability with reduced water : cement ratios
- Also acts as a viscosity modifying agent & decreases segregation
- Accelerates the cement Hydration process thereby helps in achieving high early strength
- Improves the Toughness, Shear, tensile strength & Flexural strength of concrete
- It reduces the shrinkage occurring in cement based compositions

### Uses:

- Decorative & Industrial GFRC & Pre cast concrete / Elements
- Architectural Concrete Pre cast & Concrete Fascade
- Decorative Paver blocks, Tiles.
- Foamed concrete
- AAC concrete
- Cementitious Grouts
- Cold weather concreting
- Ready Mix Concrete / Site mix Concretes
- Light weight pre cast elements
- Ready Mix Mortars
- Glass fiber Reinforced Concrete

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**Application Guidelines:**

It should always be dry blended with cementitious material.

Note: if slump loss is observed, then the dosage of plasticizer & water has to be adjusted as per the working & placement requirements

**Product Properties**

Apperance	Off white to Lt grey powder
Application temperature	Minimum 10 to 15 Deg Cent
Pot Life (Mixed Materials)	Max 15 to 25 Minutes **

**Shelf Life:** 6 Months if stored in a cold & dry Place

**Packing:** 40 Kg

\*\* Based on the mix design & admixtures used

Disclaimer

The information contained herein is believed to be accurate and is offered in good faith for the guidance of the consumer. We cannot accept any responsibility for errors in, or misinterpretation of the information contained in this brochure. In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change The specifications without prior notice

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