



**CRETESTONE**  
**CRETE**

## CRETOMIX AD 1004

(Compaction Aid For Semi-Dry & Pre-Cast Concrete Products)

### Description

High range water reducing cum plasticizing concrete admixture for promoting accelerated hardening & obtaining free flowing concrete specially for precast applications

### Uses

CRETOMIX AD 1004 is suitable for concreting of the following applications:

- Pre-cast & pre-stressed concrete elements
- Block Paving (grey/colored)
- Cement tiles (grey/colored)
- Karb stones
- Edgings and other items for garden and landscape design
- Building blocks & bricks

### Advantages

CRETOMIX AD 1004 provides substantial benefits to the producers of precast and semi dry pre cast concrete producers:

- Efficient dispersion and distribution of cement, additives and pigments
- Improved movement of the concrete through the machine
- Accelerated hardening & high early strength
- No adverse effect on ultimate strength
- Sufficient water reduction
- Improved surface finish
- Improved water tightness
- More economic concrete mix designs

### Tests

Approval/Standard IS 9103 –1999, ASTM C494 , BS 5075 Part 3

Appearance / Color Hazy white to yellowish liquid

### Technical Data:

Chemical Base	Modified Polycarboxylate
Relative Density	1.03 kg/l at 30°C
pH	Value 6

## CRETESTONE PRIVATE LIMITED



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### **Consumption**

0.5 - 1.0% by weight of cement. Exact dosage rates are dependent on the type of effect sought, quality and quantity of cement, sand grading, W/C ratio and ambient temperature. Actual dosage to be finalized on the basis of site trials.

### **Application Conditions**

#### **Compatibility**

CRETOMIX AD 1004 may be combined with many other CRETESTONE products. Important: Always conduct trials before combining products in specific mixes and combinations. Compatible with all types of cement & cementitious material

#### **Dispensing**

CRETOMIX AD 1004 can be added into the mixing water or directly into the concrete mixer after 50 – 70% of the mixing water has been added.

The addition of CRETOMIX AD 1004 to dry aggregate or cement is not recommended.

To achieve optimum performance a minimum wet mixing time, which is depending on the mixing conditions & the mixer performance, of 60 seconds is recommended.

### **Application Method**

By use of CRETOMIX AD 1004 concrete of highest quality can be produced. The standard rules of good concreting practice, concerning production, placing and testing are to be followed. Fresh concrete must be cured as per the relevant standard.

### **Packing**

50kg & 220kg

### **Health and Safety**

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

### **Storage**

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

### **Disclaimer**

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control

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