



# KEM ACCEL W

## Set Accelerating Admixture for Concrete.

Ref. CA/AC-V1-1213

### Description

Kem Accel W is a chloride based liquid admixture specifically designed for use in concrete, Portland Cement and mortar. It is a ready to use liquid, added directly to the gauging water to reduce set times of concrete and mortar mixes. It should not be used in concrete with reinforcements as it is based on chloride which contributes to the corrosion of rebars.

### Uses

- Concrete to be placed at low temperature.
- For cold weather concreting.
- Early setting of concrete.

### Advantages

- Being in liquid form ensures instantaneous dispersion homogeneous mixing.
- Earlier finishing of slabs – reduced labor costs
- Permits early removal of form works leading to faster construction.
- Freeze & thaw resistance.

### Typical Properties

**Colour:** Colorless Hazy Liquid

**Specific Gravity:** 1.36 ± 0.02

**pH:** min. 6

### Standards

ASTM C494 Type C

IS 9103: 1999

### Application

- Cold weather concreting.
- Concrete being placed in subfreezing ambient conditions
- precast articles, lightweight concrete .

- Fast track concrete construction

### Dosage / Coverage

1.5 to 3.5 kg / 100 kg of cement

For dosage higher than recommendation please consult with Chembond technical service department.

### Packing

30,200 kg

### Effects of Over Dosage

A severe over-dosage of Kem Accel W can result in the following:

May results in flash set of concrete

A slight overdosing may not adversely affect the ultimate strength of the concrete and can achieve higher strengths than normal concrete, provided it is properly compacted and cured.

### Compatibility

Kem Accel W is compatible with OPC, PPC, Fly Ash,

### Storage and Shelf life

**Storage:** Kem Accel W must be stored in a place where temperature does not drop +5°C. If product has frozen, thaw @ +3°C & agitate until completely reconstituted. Store under cover, out of direct sunlight & protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

**Shelf Life:** up to 12 months if stored according to manufacturers instructions in original unopened Drums.

### Technical Service

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.



## Safety Precautions

Kem Accel W is non-toxic and non-flammable. However, any splashes on the human body, must be washed with plenty of water.

### **Chembond Chemicals Limited**

Chembond Centre, EL-71, MIDC,  
Mahape, Navi Mumbai, India 400 710.  
Tel.: +91 22 3921 3000 , Fax: +91 22 3921 3100  
website: [www.chembondindia.com](http://www.chembondindia.com),  
e-mail: [enquiries.conschem@chembondindia.com](mailto:enquiries.conschem@chembondindia.com)

### **Limitation of Liability:**

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.