



## TECHNICAL DATA SHEET

# KEM QUICKSET

## Accelerator For Wet Shotcreting

### DESCRIPTION:

KEM Quickset is a chloride free accelerator for producing an economical and high quality wet shotcrete.

### PRODUCT SPECIFICATION / COMPLIANCES:

Appearance : Clear to Opaque solution

Specific Gravity: Approx 1.4

pH : 3 - 4

Chloride content: <0.1 %

Application temperature: + 5 deg C to 40 deg C

Initial set : 2 – 3 minutes

Final Set : 8 – 10 minutes.

Shelf life: 12 months in the original un-opened packing.

Storage: Keep away from direct sunlight and extreme heat.

### PRIMARY APPLICATIONS:

- KEM Quickset is a high quality accelerator for economical production of wet shotcrete.
- Useful to produce permanent shotcrete elements.
- Useful to secure loose and fragmented rock formations during mechanical and conventional tunnel and underground construction in Hydro electric -Power projects.
- Useful to secure construction pits and subterranean excavations.
- Useful for rock and slope soil stabilization.
- Useful for reconstruction and repair.

### PRODUCT FEATURES:

- To produce high strength and dense shotcrete
- Sharp slump loss
- Significantly reduce rebound loss
- Improves the cohesion, adhesion properties of shotcrete.
- Less dust for an improved working environment

### DOSAGE:

Generally dosage range from 3 % to 10 % by weight of binder. Dosage will vary depending on desired acceleration, ambient conditions and cement used. Overdosage (>10%) may result in decrease in ultimate strength.



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

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**Limitations 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

