

# ALL TEMP

Multi-purpose Liquid Admixture/Accelerator  
For Cement Based Materials

## MANUFACTURER:

Empire Blended Products, Inc.  
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## PRODUCT DESCRIPTION:

*ALL TEMP* is a chloride based, multi-purpose admix for concrete and mortar. It is designed to accelerate the set time, as well as to densify, harden, improve the workability, and increase the strength development of finished mixes, thereby improving their water resistance and dust proofing qualities. *ALL TEMP* can be safely used with gray or white Portland Cement or colored masonry products without causing discoloration.

## USES:

- ▶ Antifreeze and water reducer for concrete and masonry
- ▶ All weather use to improve workability and performance
- ▶ Slurry coat to eliminate surface voids and improve bond

## ADVANTAGES:

- ▶ Protects concrete and masonry from freezing
- ▶ Reduces initial set
- ▶ Hardens, densifies and improves water resistance
- ▶ Increases both early strength and ultimate strength
- ▶ Improves workability and slump characteristics of concrete and masonry products
- ▶ Reduces water requirements

## ADDITIVE ACCELERATOR



## INSTALLATION:

### Mixing:

*ALL TEMP* can be added directly to the gauging water or added directly to the product. Dosage rate is determined by the lowest expected temperature for a period of 48 hours following placement.

### Curing:

Follow the recommendations of the Portland Cement Association for cold weather protection and curing.

### Packaging:

Gallons (6 per case), 5 Gallon Pails and 55 Gallon Drums

### Color:

Light straw color

## SUGGESTED PROPORTIONS:

### Concrete:

Above 32°F.....1 gallon *ALL TEMP* per cubic yard of concrete

Below 32°F .....1½ gallons *ALL TEMP* per cubic yard of concrete

Never use more than 2 gallons per cubic yard of concrete. When temperature is below or expected to fall below 25°F in the 24 hour period following placement of material, supplemental heating of gauging water is essential. At these lower temperatures, work should be additionally protected.

**Premixed Gravel Mix (80 lb. bag):**

Above 32°F..... 1 pint *ALL TEMP* per bag  
Below 32°F ..... 1½ pints *ALL TEMP* per bag

**Masonry (Portland-Lime Mortars):**

Above 50°F..... 1 pint *ALL TEMP* per bag  
Above 32°F..... 1 quart *ALL TEMP* per bag  
Below 32°F ..... 1½ quarts *ALL TEMP* per bag

**Masonry (Cement Mortars):**

Above 50°F..... ½ pint *ALL TEMP* per bag  
Above 32°F..... 1 pint *ALL TEMP* per bag  
Below 32°F ..... 1 quart *ALL TEMP* per bag

When temperature is below or expected to fall below 25°F in the 24 hour period following installation of brick or cement mortar applications, supplemental heating of gauging water and dry ingredients must be used. Protect finished work from wind and rain for 24 hours after installation.

**Stucco, Masonry Paints, Tile Grouts and Other Cement Based Material:**

Below 32°F.....1 gallon *ALL TEMP* to 16 gallons water  
Below 25°F.....1 gallon *ALL TEMP* to 12 gallons water  
Below 15°F.....1 gallon *ALL TEMP* to 10 gallons water

***TECHNICAL DATA:***

Empire Blended *ALL TEMP* meets ASTM specification C-494 for Type C Accelerating Admixtures.

***LIMITATIONS:***

Never combine *ALL TEMP* with other admixtures. Never add *ALL TEMP* directly to the mix. It must be mixed with water and then introduced to the mix or balling can occur. Sand and aggregate used must be free of ice. Metal surfaces must be painted with a protective coating of asphalt paint or primer.

***CAUTION:***

Contains Calcium Chloride CAS #10035-04-8. May cause eye, skin and respiratory irritation. Avoid contact with eyes, skin and clothing. Do not take internally. If ingested, **do not** induce vomiting and get prompt medical attention. If any product gets into the eye, rinse immediately and repeatedly. If skin contact occurs, flush affected areas with plenty of water. Remove and wash contaminated clothing before reuse.

***WARRANTY:***

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.