

# COLD CHECK

# 5G

**A CHLORIDE BASED LIQUID ADMIXTURE USED TO ACCELERATE THE SET TIME OF CEMENT BASED MIXES IN COLD WEATHER APPLICATIONS**

**COLD CHECK** is a chloride based, liquid admixture specifically designed to accelerate the set time of cement based mixes in cold weather applications. Cold Check reduces initial and final set times while helping to protect cement based mixes from freezing.

## USES and ADVANTAGES

- Cold weather protection.
- Reduces initial and final set times.
- High early strength development.
- Permits early stripping of forms, faster construction.
- Increases compressive and tensile strengths.
- Increases durability of any concrete product.
- Decreases porosity of cement based mixes.
- Reduces the bleeding rate and capacity.

## APPLICATION

Cold Check is ready to use. Add directly to the gauging water. Dosage rate is determined by the lowest expected temperature for a period of 48 hours following placement.

### Umaco Products

#### **Above 32 degrees F:**

One quart of Cold Check may be added to each 50 lb of material if the temperature is expected to drop below 32 degrees F within 48 hours after placement.

#### **Below 32 degrees F:**

Add one quart of Cold Check to each 50 lb of material.

### Concrete

#### **Above 32 degrees F:**

Add one gallon of Cold Check to each cubic yard of concrete if the temperature is expected to fall below 32 degrees F within 48 hours after placement.

#### **Below 32 degrees F:**

Add 1-1/2 gallons of Cold Check to each cubic yard of concrete.

### Mortars

#### **Above 32 degrees F:**

Add one quart of Cold Check per each 94 lb bag of cement if the temperature is expected to fall below 32 degrees F within 48 hours after placement.

#### **Below 32 degrees F:**

Add 1-1/2 quarts of Cold Check per each 94 lb bag of cement.

## SPECIAL PRECAUTIONS

- In freezing weather, use only clean, well graded materials free of ice.
- Below 25 degrees F, artificial heat is required in addition to Cold Check.
- Below 32 degrees F, heat aggregates and water for proper curing temperature.
- Do not combine Cold Check with other admixtures.
- Mix Cold Check with water first then add to the batch.
- Metal surfaces must be painted with a protective coating or primer.

## **WARNING!**

Do not take internally. If swallowed, seek immediate medical attention. In case of eye contact, flush with plenty of water for at least 15 minutes. If irritation persists, seek immediate medical attention. In case of skin contact, wash with soap and water. If irritation persists, seek immediate medical attention. Gloves and eye protection are recommended when using this product. Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtec): 800-424-9300

**KEEP OUT OF REACH OF CHILDREN!**

For technical assistance call 978-453-8881

### LIMITED WARRANTY

*The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective.*

*Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.*

03-01-05



60 REAR NEWHALL STREET

PHONE: 978-453-8881

LOWELL, MA. 01852

FAX: 978-453-2416