

# SET CONTROL

Set Retarding Admixture



## PRODUCT DATASHEET

**DESCRIPTION:** Rapid Set® SET CONTROL is a retarding admixture that extends the working time when placing and finishing Rapid Set cement products.

**USES:** SET CONTROL is suitable for use with most Rapid Set cement products. Add up to 3 packets of SET CONTROL per bag of cement product to increase working time. Use SET CONTROL with Rapid Set cement products ONLY. SET CONTROL is ideal when additional working time is needed or to compensate for warm temperatures. One packet of SET CONTROL will extend the initial working time by approximately 10 to 20 minutes in normal conditions and does not reduce the long-term strength. SET CONTROL may be used in combination with other Rapid Set® admixtures. Refer to the Rapid Set Concrete Modifier Technical Bulletin for usage guidelines.

**DIRECTIONS:** Dissolve SET CONTROL into the mixing water prior to adding cement product. A trial batch is recommended to fine tune the working time to match job site conditions.

**BULK USE:** 35-lb pails of SET CONTROL are also available for concrete mix designs. SET CONTROL is recommended for use at a dosage of 0.1 to 1 lb/cwt (45 to 450 grams/cwt) of cementitious materials for most concrete mixes. For high temperatures, dosages slightly higher than the recommended range may be required. SET CONTROL can also be pre-mixed with water to create a liquid admixture. Please contact a CTS Engineering Sales Representative for more specific dosage guidelines and recommendation.

**PACKAGING:** SET CONTROL is available in 0.9 oz (25 g), and 35 lb (16 kg) sizes.

**SHELF LIFE:** SET CONTROL has a shelf life of 12 months when stored properly in a dry location, protected from moisture, out of direct sunlight, and in an undamaged package.

**USER RESPONSIBILITY:** Before using Rapid Set products, read current technical data sheets, bulletins, product label and safety data sheet at [www.CTScement.com](http://www.CTScement.com). It is the user's responsibility to review instructions and warnings for any Rapid Set product in current technical data sheet, bulletins, product label and safety data sheet prior to use. The addition of any Concrete Modifier will alter the product's physical properties. Performance will differ based on, but not limited to: product used, mix water quantity, temperature, substrate conditions, application thickness, mixing and application procedures. Install a mock-up to ensure the dosages used are suitable for the intended application.

**WARNING: CAUSES MILD SKIN, RESPIRATORY, AND SERIOUS EYE IRRITATION. DO NOT GET IN EYES OR ON SKIN.** Protect eyes with goggles or safety glasses with side shields. Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact, immediately wash with soap and water. In case of eye contact, flush immediately and repeatedly with clean water, and consult a physician. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Please refer to the SDS and [www.CTScement.com](http://www.CTScement.com) for additional safety information regarding this material.

**LIMITED WARRANTY:** CTS CEMENT MANUFACTURING CORP. (CTS) warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of CTS' responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.

**CALIFORNIA PROPOSITION 65:** Not Listed/Not Regulated

## OVERVIEW

### Highlights:

For use with Rapid Set® cement products

Extends working time

### Manufacturer:

CTS Cement Manufacturing Corp.  
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## CONCRETE MODIFIERS

### AVAILABLE PACKETS:

#### SET CONTROL

##### *Set Retarding Admixture*

A set retarding additive that extends the setting time, allowing more time for placing and finishing.

#### FLOW CONTROL

##### *Increase Strength & Fluidity*

A plasticizing additive that allows higher fluidity or a lower water requirement. Reducing water content by adding Flow Control will increase the final strength and durability.

#### CORROSION INHIBITOR

##### *Protection Against Corrosion*

A high performance additive designed to extend the life of reinforced concrete structures.

#### BOND

##### *Vinyl Polymer Additive*

A polymer modifying additive that improves adhesion to the application surface.

#### DARK

##### *Gray Pigment Admixture*

A pigment additive that darkens the color. Use varying amounts to achieve a desired shade of gray.

#### FAST

##### *Accelerating Additive*

An accelerating additive that improves performance when experiencing delayed setting times in cold weather applications.

#### FIBER

##### *Synthetic Fiber Reinforcement*

A synthetic fiber additive that reduces potential cracking issues.

#### LIGHT

##### *White Pigment Admixture*

A pigment additive that lightens the color. Use varying amounts to achieve a desired tint.

#### EISENWALL® SET CONTROL

##### *Set Retarding Admixture*

A set retarding additive for Eisenwall Cement that extends the setting time, allowing more time for placing and finishing.

## MORE INFORMATION

### Specialty Additives

Customize your cement mixtures for packaged cement, mortar, concrete, plaster and grout

Easy to use: Just add to the mixing water

Available in convenient packets: Easy control of dosages

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