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: 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® Concrete Pharmacy® admixtures.

DIRECTIONS: Dissolve SET CONTROL into the mixing water. Use 1 to 4 packets per 50-lb to 70-lb bag of Rapid Set cement products to achieve the desired working time. 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.

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 packet.

USER RESPONSIBILITY: Before using Rapid Set products, read current technical data sheet, bulletins, product label and safety data sheet at 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.

WARNING: CAUSES MILD SKIN IRRITATION. MAY BE HARMFUL IN CONTACT WITH SKIN. CAUSES SERIOUS EYE IRRITATION. 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 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's 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.

⚠ **WARNING**
CANCER and REPRODUCTIVE HARM - www.P65Warnings.ca.gov

OVERVIEW

Highlights:

For use with Rapid Set® cement products

Extends working time

Manufacturer:

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SET CONTROL® Set Retarding Admixture

Concrete Pharmacy®

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

Concrete Pharmacy® 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

Visit CTScement.com

Discover additional products and services

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