

FLOW CONTROL

Additive to Increase Strength and Fluidity



PRODUCT DATASHEET

DESCRIPTION: Rapid Set® FLOW CONTROL is a flow enhancing additive that allows higher fluidity or lower water requirement. Reducing water content by adding FLOW CONTROL will increase the final strength and durability.

USES: FLOW CONTROL is suitable for use with most Rapid Set cement products. Add up to 2 packets of FLOW CONTROL per bag of cement product to increase fluidity, and/or increase strength to satisfy jobsite requirements. A trial batch is recommended to fine-tune the dosage. FLOW CONTROL may be used in combination with other Rapid Set admixtures. Refer to the Rapid Set Concrete Modifier Technical Bulletin for usage guidelines.

DIRECTIONS: Place desired amount of potable water into the mixing container. Add half cement product and mix with a mechanical drill/mixer. Continue mixing while adding FLOW CONTROL, then add the remaining cement product into the mixing container. Follow product mixing instructions on the package of the cement product. Mix to a workable, lump-free consistency. Do NOT exceed 2 packets per 50-lb to 70-lb bag of Rapid Set branded cement product. Too much water in the mixture may cause aggregate segregation, which can reduce strength.

PACKAGING: FLOW CONTROL is available in 0.4 oz (12 g) packets.

SHELF LIFE: FLOW 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. 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: MAY FORM COMBUSTIBLE DUST CONCENTRATION IN AIR. AVOID DUST FORMATION AND ALL SOURCES OF IGNITION: HEAT, SPARKS, AND OPEN FLAME. DO NOT INHALE OR INGEST DUST. 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' 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

Water reducing additive

Increases fluidity

Increases compressive strength

Manufacturer:

CTS Cement Manufacturing Corp.
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Garden Grove, CA 92841
Tel: 800-929-3030 | Fax: 714-379-8270
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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 while mixing

Available in convenient packets: Easy control of dosages

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