



SET FAST A-98

CHLORIDE BASED ACCELERATING ADMIXTURE POWDER FOR MASONRY

PRODUCT DESCRIPTION: *Specco Set Fast A-98* is a powdered, calcium chloride set accelerating admixture for masonry. *Set Fast A-98* is designed to reduce the setting time of the mix, and to help develop early compressive and tensile strengths. *Set Fast A-98* speeds the reaction between the cement and water, provides added heat generation, as well as lowers the freezing point of the mix. *Set Fast A-98* is conveniently packaged in pre-measured 1 lb. bags with printed instructions for easy addition to the mixer.

BENEFITS:

- Provides faster set times in cold temperatures
- Increases early strength development
- Protects against frost damage
- Pre-measures bags allow even job consistency

COMPOSITION: Calcium chloride powder

LEED CREDIT CONSIDERATIONS: Materials and Resources: **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed & manufactured regionally at production location: Kankakee, IL. 60901. 90% Content- Harvested within 500 miles.

TECHNICAL DATA: Laboratory tests at 40° F show that mortar mixed with *Set Fast A-98* Accelerator obtain both faster initial and final set times versus a control mix with no accelerator, as well as significantly higher compressive strength at all ages.

DOSAGE: The recommended Set Fast A-98 dosage is dependent on both working temperature and mortar composition type. For temperatures ranging from 15-32° F, *Set Fast A-98* is typically dosed at 2 bags per 94 lbs. of Portland cement for Portland cement-lime mortars. If masonry cement mortar, or pre-packaged mortar mix bags are used, add 1 bag of *Set Fast A-98* for every 2 bags of masonry cement or pre-packaged mortar used. For temperature above 32° F, the above dosages can be reduced as needed. The amount of acceleration obtained will vary with jobsite temperature, air movement, sand and water temperatures, mix design components or other admixtures, as well as heat, insulation, or wind-break protective measures used. For additional reference, **Specco recommends following the cold weather masonry construction guidelines listed under Chapter 5 of ACI 531R-79 Building Code Requirements for Concrete Masonry Structures.**

DIRECTIONS FOR USE: Add the initial mix water to the drum mixer. Next add the *Set Fast A-98* to the rotating mixer drum, following with either the Portland cement and sand, or the Masonry cement and sand. Allow the drum to rotate thoroughly 15-20 revolutions to ensure adequate mixing and uniformity.

CAUTIONS: Do not use severely frozen aggregate, block or bricks. Protect masonry under 40° F for 24 hours. In extremely cold weather, provide heated enclosures. Calcium chloride-based products or additions are typically not recommended for colored mortars or white Portland based mixes due to chance of substrate darkening. Coat contact areas of windows and door frames using aluminum primer to protect against rusting. Keep away from embedded copper wires. Not recommended for use with structurally reinforced masonry. Use galvanized wall reinforcements, clips and ties. *Set Fast A-98* is compatible with most other admixture types; however they should always be added separately to the mix to avoid any possible chemical interaction.

GHS HAZARD RATINGS: WARNING:



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Irritant: Respiratory Tract Irritation.

WARNINGS: *Set Fast A-98* is a non-hazardous composition. When mixing Spec Grip, the use of an OSHA or NIOSH approved dust mask or respirator is recommended due to residual dusting generated during the mixing process. Allow adequate ventilation during use. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.** If inhalation or exposure causes any physical discomfort or irritation that persists, **SEEK MEDICAL ATTENTION.** **FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053**

H.M.I.S. CODES: HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

SHIPPING NAME: Concrete Admixture – powder based - Not regulated

SHIPPING CLASS: ITEM 42130, SUB 2, LTL 50

STORAGE: Ideal storage is 60° to 80° F in a dry area.

SHELF LIFE: 1 year stored properly. Depending on storage conditions, the shelf life may be extended.

PACKAGING: 1.0 lb. bag (25 bags / carton)

WARRANTY: Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind.

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