



## Enviro Science Technologies

### E-CURE (Item No. B-104)

E-Cure is a liquid additive made specifically for use in cement products where efflorescence is a problem.

E-Cure prevents and binds the chemicals in cement and mortar mix. It keeps the additives from leaching out onto brick, block, or other mortar set products. It is also excellent for precast and poured in place concrete.

#### Advantages:

- Provides an excellent water and moisture screen.
- Cures efflorescence permanently.
- Stabilizes and brightens integral colors.
- Units made with E-Cure can be painted or sealed.
- Can be set with plasticizers.
- Extends set time, resulting in greater strength.
- Increases density and cure strength.
- VOC (Volatile Organic Compound) compliant.
- Can be cleaned-up with water.

**Applications:** The dosage amounts below are per lbs. of cement-sand mix, along with the respective amount of E-Cure to utilize.

- 100 lbs. mix: use 5 oz.
- 200 lbs. mix: use 10 oz.
- 300 lbs. mix: use 15 oz.
- 400 lbs. mix: use 20 oz.
- 500 lbs. mix: use 25 oz.

**Note:** The above amounts are for standard mix only. If your mix has a problem with efflorescence, perform a sample cube test (pre-test) and adjust the dosage accordingly. E-Cure can be used up to 8 to 10 oz. per 100lbs. of mix; see the mix ratios below.

**Mix Ratios:** 5 oz. per 100 lbs. of cement for a 3 to 1 cement/sand ratio. 6 oz. per 100 lbs. of cement for a 3 to 1 cement/sand ratio. 8 oz. per 100 lbs. of cement for a 5 to 1 cement/sand ratio.

**Note:** Mix ratios are approximate and may vary due to mix design and aggregates used. Sample pre-tests are recommended.

#### ASTM Test Data:

- ASTM C-33: Normal weight aggregates.
- ASTM C-150: For Portland cement.
- ASTM C-55: Grade N concrete block.
- ASTM C-145: Grade N solid load-bearing unit.
- ASTM C-90: Grade N hollow load-bearing unit.

## **E-CURE CONTINUED** (Item No. B-104)

**Caution:** Rubber gloves and chemical goggles should be used. Do not mix any other additives or plasticizers with E-Cure; add them separately, in sequence, if needed. Allow a minimum of five minutes mixing time per sequence. For general purpose, it is not recommended to use a plasticizer with E-Cure. Prevent from freezing. A patch test is recommended to assure proper mix ratios.

**Guarantee/Warranty/Liability:** EST, Inc. has no control over the storage, handling, or use of this product.

The guarantee is limited to the purchase price of the defective material only.

**KEEP OUT OF REACH OF CHILDREN!**