

## HARD-N-FAST™ LIQUID & POWDER

### Set-Accelerating Admixture for Masonry Mortar

#### DESCRIPTION

HARD-N-FAST is a chloride-free, set-accelerating admixture for mortar.

#### PARAMETERS

An independent laboratory report shows that at 40°F HARD-N-FAST mortar reaches both initial and final set in one-half the time of standard mortar. In additional compressive strength tests at 3, 7, and 28 days, HARD-N-FAST mortars were approximately 50% stronger.

#### APPLICATION

HARD-N-FAST is introduced into the mixing drum just after the initial mixing water, but prior to the Portland cement and/or masonry cement, and sand.

#### PRIMARY USE

HARD-N-FAST speeds the chemical reaction between Portland cement and water. This causes the mortar to set faster and increases the early strength development. This faster set and its accompanying heat generation help provide protection against frost damage in freezing weather. The result is that the masons proceed in a normal manner in cold weather with less concern about frozen mortar. In all weather, HARD-N-FAST helps anchor floaters” (“Floaters” is one of the terms used by brick layers to designate a dense, non-absorptive unit that will “swim” or “float” on a mortar bed unless the mortar starts to stiffen early.) Without HARD-N-FAST in the mortar, “floaters,” glass block, stone and low absorptive brick can be a problem in fall and spring as well as winter



#### PACKAGING & COVERAGE

##### Hard-N-Fast Liquid

5 & 55 gallon container

**Coverage:** In cold weather between 15° & 32° F

In Portland cement/lime mortar

- Up to 2 qts. per bag

In mason cement

- Up to 1 qt. per bag

##### Hard-N-Fast Powder

20-14 oz. bags per carton

**Coverage:**

In Portland cement/lime mortar

- 2 bags per bag Portland

For mason cement: 1 bag per bag mason

MASONRY

## MOR-LIFE

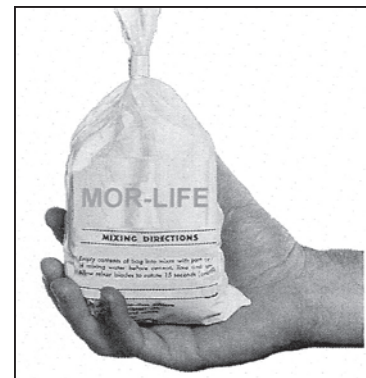
### Water Retention Admixture for Mortar

#### DESCRIPTION

MOR-LIFE is a water retention admixture for mortar available as a powder in pre-proportioned units. MOR-LIFE prolongs the useful life of mortar on hot, dry, windy days, or when using dry “soakers.” Because MOR-LIFE holds onto the mixing water, MOR-LIFE mortar does not dry out as fast as conventional mortars. The result is better moist curing and more intimate bond between mortar and masonry unit making it easier to obtain strong, watertight masonry.

#### APPLICATION

- Use one bag of MOR-LIFE with each bag of Portland cement in a Portland cement-lime mortar.
- For masonry cement mortars, add one bag of MOR-LIFE with each two bags of masonry cement.
- In most cases, the addition of a bag of MOR-LIFE will allow you to add as much as 1 1/2 ft<sup>3</sup> (120 lbs.) of sand also.



#### PACKAGING

20 bags per carton