



# MORTAR ACCELERATOR NC

Non-Chloride Cold Weather Admixture

## 1. Product Description

**a. Basic Use:** Sealwall Mortar Accelerator NC is a non-chloride and non-corrosive liquid admixture formulated to accelerate the set of mortar in cold weather. Mortar Accelerator NC is added to both masonry and portland cement mortars used to lay brick, block, stone, tile and glass block.

### b. Features & Benefits:

- Non-chloride formulation accelerates set and early age strength gain without possibility of steel corrosion.
- May be added to normal gray and colored mortars.
- Plasticizing action improves workability, decreases permeability and increases density and compressive strengths at all ages.
- Helps reduce efflorescence.
- Reduces construction costs by eliminating need for extended thermal protection and eliminating labor overtime due to cold weather.
- Allows masonry construction to continue at temperatures as low as 20°F (-7°C).
- Easy to use by simply adding to mixing water.
- Helps prevent freezing of mortar when ambient temperatures are below 32°F (0°C).

**c. Typical Application:** Use Mortar Accelerator NC in mortar mix when low temperatures prevail or are expected. Using Mortar Accelerator NC helps avoid freezing mortar joints while laying brick, block, structural tile, or glass block.

## 2. Packaging

Sealwall Mortar Accelerator NC is packaged in 5-gallon pails or a 55-gallon drum.

## 3. Directions for Use

**a. Mixing with Water:** Simply add recommended dosage of Mortar Accelerator NC as indicated into mixing water. All Mortar Accelerator NC must be completely diluted into the mixing water before adding cement, aggregate and lime. Where large quantities of mixing liquid will be needed, an open top 55-gallon (208 liter) drum may be used to dispense and blend Mortarset Plus with water. As an approximate guideline, add one 5-gallon (18.9 liter) pail to the drum and dilute with 40 gallons (151.4 liter) of water to provide a 2 quart (1.89 liter) per sack dosage rate.

**b. Mixing with Mortar:** Add Mortar Accelerator NC directly to each mortar batch:

- **Portland Cement Sack:**
  - At 32°F, add 1 quart.
  - At 25°F, add 1½ quarts.
  - At 20°F, add 2 quarts.
- **Masonry Cement Sack:**
  - At 32°F, add 1 pint.
  - At 25°F, add 1½ pints.
  - At 20°F, add 1 quart.

### c. Special Instructions:

1. No frozen materials or materials containing ice should be used.
2. Use only dry masonry units which will remove water and reduce damage due to freezing.
3. Use a windbreaker of tarps, etc. around mixing equipment and mortar boards to prevent rapid evaporation.
4. Masonry should be protected for 24 hours after covering with tarps, etc.
5. Wall areas adjacent to metal door frames must be kept dry and free from all water, ice, and snow.
6. Metal door frames should be painted with an asphalt paint or primer.

## **4. Note**

When filling metal door bucks and hollow metal window frames the mortar must be stiff and packed tightly without voids. Use no more than the prescribed quantity of Mortar Accelerator NC.

Sealwall Mortar Accelerator NC is manufactured in strict accordance with the quality control standards of Sealwall Products. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

## **5. Availability**

Sealwall Mortar Accelerator NC is normally available immediately from your local distributor or it will be shipped within 4 working days upon receipt of order. Please contact your local Sealwall representative or call Sealwall Products directly for more information.

## **6. Warranty**