

# MORTARD<sup>®</sup> MC

Board Life Enhancing Admixture

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## Product Description

MORTARD<sup>®</sup>MC is a liquid, job site-added mortar admixture, which enhances the board life and workability properties of masonry and mortar cement mortars, especially for warm to hot weather masonry construction.

MORTARD MC can extend the working time of mortar for several hours, reducing mortar waste and excessive retempering. Early age strengths are obtained with no detrimental effects to bond and shrinkage properties.

## Product Function

MORTARD MC extends the working time of mortar by controlling the rate of cement hydration during the first few hours after mixing. It also produces a plasticizing effect that improves workability.

MORTARD MC contains special stabilizers that improve water retention and reduce bleeding. Since the product is added at the job site, performance can be fine-tuned for a given set of materials and conditions by varying addition rates.

MORTARD MC will not decrease hardened mortar properties. It is non-chloride and non-corrosive. Application Information Addition Rates: Begin with the lowest recommended dosage and increase until the desired working time of the mortar is obtained. Avoid overdosing of

MORTARD MC since the mortar's rate of early strength gain may be adversely affected.

## Application Information

### Addition Rates:

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AMBIENT TEMP.	MASONRY CEMENT
21 °C (70 °F)	60-150 mL/bag (2-5 fl oz/bag)
35 °C (95 °F)	120-240 mL/bag (4-8 fl oz/bag)

### Mixing Procedure:

MORTARD MC should be added to the mortar mixer and allowed to mix for at least 30 seconds before the final water is added. Then mix for an additional five minutes to ensure a more homogeneous mortar, and allow the plasticizing characteristics of MORTARD MC to take effect.

While MORTARD MC increases working times, the mason should still adjust the mortar's water content when using highly absorptive masonry units. This will reduce the chance of premature drying out due to excessive moisture loss. The minimum temperature for application is 1 °C (34 °F).

## Product Advantages

- Increases board life
- Improves water retention
- Enhances workability
- Reduces waste
- Increases productivity
- Non-chloride, non-corrosive

## Packaging

MORTARD MC is available in drums and returnable totes. Product weight for MORTARD MC is 1.21 kg/L (10.1 lbs/gal).

## Health and Safety

All precautions defined on the SDS (Safety Data Sheet) for MORTARD MC must be followed.

## Storage

Protect MORTARD MC from direct sunlight and freezing. MORTARD MC has a shelf life of 9 months.

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