

# 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<sup>®</sup>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 Advantages

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

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

## Product Function

MORTARD<sup>®</sup>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<sup>®</sup>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<sup>®</sup>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<sup>®</sup>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<sup>®</sup>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<sup>®</sup>MC to take effect.

While MORTARD<sup>®</sup>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).

## Storage

Protect MORTARD<sup>®</sup>MC from direct sunlight and freezing. MORTARD<sup>®</sup>MC has a shelf life of 9 months.

## Health and Safety

All precautions defined on the SDS (Safety Data Sheet) for MORTARD<sup>®</sup>MC must be followed.

[ca.gcpat.com](http://ca.gcpat.com) | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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