

MORTARD[®] PL

Board Life Enhancing Admixture

Product Description

MORTARD[®]PL is a liquid, job site-added mortar admixture, which enhances the board life and workability properties of Portland cement/lime mortars, especially for warm to hot weather masonry construction.

MORTARD PL 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.

Do not use MORTARD PL in masonry or mortar cement mortars, or in combination with air-entrained Portland cement or air-entrained lime. Instead, use MORTARD MC for these applications.

Product Advantages

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

Product Function

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

AMBIENT TEMP.	PORTLAND/LIME
21 °C (70 °F)	120-240 mL/bag* (4-8 fl oz/bag*)
35 °C (95 °F)	180-360 mL/bag* (6-12 fl oz/bag*)

*Portland cement only

Mixing Procedure:

MORTARD PL 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 PL to take affect.

While MORTARD PL 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).

Packaging

MORTARD PL is available in drums and returnable totes. Product weight for MORTARD PL is 1.02 kg/L (8.5 lbs/gal).

Health and Safety

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

Storage

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

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

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

MORTARD is a trademark, which may be registered in the United States and/or other countries, of GCP Applied Technologies Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2018 GCP Applied Technologies Inc. All rights reserved.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Suite 450, Alpharetta, GA 30009, USA

GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

This document is only current as of the last updated date stated below and is valid only for use in the Canada. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.com. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2022-04-27

ca.gcpat.com/solutions/products/mortard-pl