

3

03 30 00

**Cast-in-Place Concrete**

4

03 40 00

**Precast Concrete**

32

04 22 00

**Concrete Unit Masonry**

32 32 23

**Segmental Retaining Walls**

# MasterCast<sup>®</sup> 750HS

## Plasticizing Admixture

### Description

MasterCast 750HS admixture is a new generation plasticizer based on MasterGlenium<sup>®</sup> polycarboxylate dispersant technology. This unique chemistry maximizes production efficiency through its cement dispersing and reactive lubricant mechanisms.

### Applications

Recommended for use in:

- Concrete blocks
- Dry-cast pipes
- Paving stones
- Hollow-core planks
- Concrete roofing tiles
- Segmental retaining wall units

### Features

- Moderate to heavy swipe texture
- Advanced cement and pigment dispersion
- Provides optimal material flow and extrusion characteristics

### Benefits

- Increases production rate
- Added visual appeal
- Increases compressive and flexural strengths
- Improves compactability
- Reduces breakage and culls
- Potential cement reduction
- Extends life of molds and machine parts
- Increases overall profitability

### Guidelines for Use

**Dosage:** The recommended dosage range for MasterCast 750HS admixture is 2-5 fl oz/cwt (130-325 mL/100 kg) of cement. Please consult with your local sales representative if dosages outside of the stated ranges are being considered.

**Mixing:** For maximum efficiency, add MasterCast 750HS admixture early in the sequencing procedure. Best results typically occur by adding the MasterCast 750HS admixture during the prewet process (with at least 70-80% of the required mix water), before adding the cementitious materials. Allow a minimum of 90 seconds of additional mixing time after all components have been dispensed.

### Storage and Handling

**Storage Temperature:** MasterCast 750HS admixture must be stored at temperatures above 40 °F (4 °C) and below 105 °F (42 °C). MasterCast 750HS admixture should not be used after it freezes.

**Shelf Life:** MasterCast 750HS admixture has a minimum shelf life of 12 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life of MasterCast 750HS admixture has been exceeded.



## Packaging

MasterCast 750HS admixture is available in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

## Related Documents

Safety Data Sheets: MasterCast 750HS admixture

## Additional Information

For additional information on MasterCast 750HS admixture, consult your local sales representative.

*Master Builders Solutions creates technologies for the construction industry inspiring people to build better. We are active in ~40 countries and operate 35 production sites with over 1,600 employees. We develop, produce, and market high-quality chemical admixtures, as well as adjacent core technologies, to master the challenges of today and support a decarbonized future. Our people are pivotal and pair leading technologies and a strong brand heritage to surpass our customers' expectations and drive continuous value creation.*

## Limited Warranty Notice

Master Builders Solutions Admixtures US, LLC ("Master Builders Solutions") warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS SOLUTIONS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders Solutions. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS SOLUTIONS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders Solutions' present knowledge and experience. However, Master Builders Solutions assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders Solutions reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.