

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® 750HS

Plasticizing Admixture

Description

MasterCast 750HS admixture is a new generation plasticizer based on MasterGlenium® 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 after wetting of aggregates and cement, and after at least 75% of the final mix water has been added. Allow at least 90 seconds of additional mix time after MasterCast 750HS admixture has 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.

The Admixture Systems business of BASF's Construction Chemicals division is the leading provider of solutions that improve placement, pumping, finishing, appearance and performance characteristics of specialty concrete used in the ready-mixed, precast, manufactured concrete products, underground construction and paving markets. For over 100 years we have offered reliable products and innovative technologies, and through the Master Builders Solutions brand, we are connected globally with experts from many fields to provide sustainable solutions for the construction industry.

Limited Warranty Notice

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