

03 30 00	Cast-in-Place Concrete
03 40 00	Precast Concrete
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 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

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