

03 30 00	Cast-in-Place Concrete
03 40 00	Precast Concrete
03 70 00	Mass Concrete

MasterPozzolith[®] 210

Water-Reducing Admixture

Description

MasterPozzolith 210 ready-to-use, liquid admixture is used for making more uniform and predictable quality concrete. It meets ASTM C 494/C 494M requirements for Type A water-reducing, Type B retarding, and Type D retarding and water-reducing admixtures. MasterPozzolith 210 admixture also meets the requirements of CSA A23.1.

Applications

Recommended for use in:

- Prestressed concrete
- Precast concrete
- Reinforced concrete
- Shotcrete
- Lightweight concrete
- Pumped concrete
- 4x4[™] Concrete
- Pervious concrete
- Self-consolidating concrete (SCC)

Features

- Reduced water content required for a given workability
- Controlled setting characteristics – normal or retarded

Benefits

Concrete with MasterPozzolith 210 admixture sets similar to or slightly slower than a comparable plain concrete mixture while providing the following special qualities:

- Improved workability
- Reduced segregation
- Increased compressive and flexural strengths
- Improved finishing characteristics for flatwork and cast surfaces
- Effective as a singular admixture or as a component in an admixture system

Performance Characteristics

Dosage: MasterPozzolith 210 admixture is recommended for use within a range of 4 ± 2 fl oz/cwt (260 ± 130 mL/ 100 kg) of cementitious materials for most concrete mixtures using average concrete ingredients. However, variations in job conditions and concrete materials may require usage outside the recommended dosage range. In such cases, contact your local sales representative.

Product Notes

Corrosivity – Non-Chloride, Non-Corrosive: MasterPozzolith 210 admixture will neither initiate nor promote corrosion of reinforcing steel in concrete. This admixture does not contain intentionally-added calcium chloride or other chloride-based ingredients.

Compatibility: MasterPozzolith 210 admixture may be used in combination with any Master Builders Solutions admixtures. When used in conjunction with other admixtures, each admixture must be dispensed separately into the mixture.

Storage and Handling

Storage Temperature: MasterPozzolith 210 admixture should be stored above freezing temperatures. If MasterPozzolith 210 admixture freezes, thaw at 35 °F (2 °C) or above and completely reconstitute by mild mechanical agitation. **Do not use pressurized air for agitation.**

Shelf Life: MasterPozzolith 210 admixture has a minimum shelf life of 18 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 MasterPozzolith 210 admixture has been exceeded.

Packaging

MasterPozzolith 210 admixture is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

Related Documents

Safety Data Sheets: MasterPozzolith 210 admixture

Additional Information

For additional information on MasterPozzolith 210 admixture or its use in developing a concrete mixture with special performance characteristics, contact 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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