

MasterPozzolith[®] R 218

Water-reducing concrete admixture

DESCRIPTION

MasterPozzolith R 218 ready- to -use, liquid admixture is used for making more consistent and predictable quality concrete. It conforms to ASTM C494/C 494M – 08a Type A (water-reducing), Type B (retarding), and Type D (water-reducing and retarding admixture).

It reduces the quantity of mixing water required to produce concrete of a given strength and consistency with greater economy. **Master Pozzolith R 218** admixture will not initiate or promote corrosion of reinforcing steel in concrete. It does not contain chloride-based ingredients.

RECOMMENDED USES

Recommended for use in all types of concrete where moderate to extended retardation of set and improved performance are desired.

MasterPozzolith R 218 is suitable for improving plain, reinforced, prestressed, light weight and standard weight concrete.

FEATURES AND BENEFITS

Features

- Reduced water content required for a given workability
- Controlled setting characteristics

Benefits

- Improved workability
- Reduced segregation
- Improved finishing characteristics for flatwork and cast surfaces
- Increased compressive and flexural strength

Compatibility

MasterPozzolith R 218 admixture may be used in combination with any Master Builders Solutions. When used in conjunction with other admixtures, each admixture must be dispensed separately into the mix.

STORAGE

If **MasterPozzolith R 218** admixture freezes, thaw at 35°F (2°C) or above and completely reconstitute by mild mechanical agitation. Do not use pressurized air for agitation.

DOSAGE

MasterPozzolith R 218 admixture is recommended for use at a dosage 200 - 400mL/ 100kg of cementitious materials. Because of variations in job conditions and concrete materials, dosages other than the recommended amounts may be required. In such cases, contact your local Master Builders Solutions representative.

PACKAGING

MasterPozzolith R 218 is available in bulk and 205L drums.

SHELF LIFE

MasterPozzolith R 218 can be stored for 12 months if stored at temperatures above 5°C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

PRECAUTIONS

Health: MasterPozzolith R 218 does not contain any hazardous substances requiring labelling.

It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MBCC Group publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by MBCC Group either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not MBCC Group, are responsible for carrying out procedures appropriate to a specific application.

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