

MasterPozzolith[®] RT 128

Set retarding and water reducing concrete admixture

DESCRIPTION

MasterPozzolith RT 128 is a ready-to-use, liquid admixture for producing quality concrete with consistent performance.

It reduces the quantity of mixing water required to produce concrete of a given reliability with greater economy for a given strength. The retarding nature of the admixture also aids placing and finishing of concrete.

MasterPozzolith RT 128 meets ASTM C494/C494M – 08a Type B (Retarding) and Type D (water-reducing and retarding) admixtures. It does not contain chloride-based ingredients and will not initiate or promote corrosion of reinforcing steel in concrete.

RECOMMENDED USES

MasterPozzolith RT 128 admixture is recommended for use in all types of concrete where moderate to extended retardation of set and improved performance are desired. The admixture improves workability of pumped concrete, shotcrete (wet mix) and conventionally placed concrete.

MasterPozzolith RT 128 admixture can be used with air entraining admixtures approved under ASTM 260-06. When used in conjunction with another admixture, each admixture must be dispensed separately into the mix. By itself, **MasterPozzolith RT 128** admixture does not entrain air.

Concrete produced with **MasterPozzolith RT 128** admixture will have appreciable strength development after initial set occurs. If retardation is within the normal ASTM C 494/C494M – 08a types B and D specifications, **MasterPozzolith RT 128** admixture will develop higher early (24 hours) and higher ultimate strengths than plain concrete when used within the recommended dosage range and under normal, comparable curing conditions.

FEATURES AND BENEFITS

MasterPozzolith RT 128 used at optimum dosage enhances the performance of concrete providing the following special qualities:

- Improved workability
- Reduced segregation
- Superior finishing characteristics for flatwork and cast surfaces
- Controlled retardation depending on the rate of

addition

- Provides flexibility in scheduling of placing and finishing
- Offsets effects of too early hardening during extended delays between mixing and placing.
- Helps eliminate cold joints
- Lowers peak temperature and/or rate of temperature rise in mass concrete-reduces thermal cracking.

DOSAGE

MasterPozzolith RT 128 admixture is recommended for use at the rate of 100 - 300 ml per 100 kg of cementitious for most concrete mixes using typical concrete ingredients. Because of variations in job conditions and concrete materials, dosage rates other than recommended amounts may be required. In such cases, contact your local Master Builders Solutions representatives.

PACKAGING

MasterPozzolith RT 128 is available in bulk and 205L drums.

SHELF LIFE

MasterPozzolith RT 128 can be stored for 12 months if stored at temperatures above 0°C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

PRECAUTIONS

Health : MasterPozzolith RT 128 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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