

MasterPozzolith R 300 (Formerly known as Pozzolith 300R)

Retarding type concrete improving admixture

DESCRIPTION

MasterPozzolith R 300 is a ready-to-use liquid admixture for making better, more uniform and more predictable high quality concrete. It retards the setting time to facilitate placing and finishing.

MasterPozzolith R 300 has been formulated to meet the requirements of ASTM C494 for Types B and D admixtures. **MasterPozzolith R 300** is compatible with all cements meeting recognised international standards.

RECOMMENDED USES

- all types of concrete where retardation of set and improved performance are required.
- improving pumped concrete and conventionally placed concrete.
- improving plain, reinforced, precast, prestressed, light weight or standard weight concrete.

FEATURES AND BENEFITS

- **Good water reduction** - Improves watertightness. Greater durability. Increases compressive, flexural and bond strengths
- **Good workability** - Easier placement
- **Good cohesion** - Reduces segregation.

TYPICAL PERFORMANCE DATA

In comparison to plain concrete, a mix containing **MasterPozzolith R 300** develops higher early and ultimate strengths while having retarded setting characteristics.

APPLICATION

Dispensing

MasterPozzolith R 300 can be added into the mixing water, or can be added to the wet concrete after the mixing water has been added. The addition of **Master Pozzolith R 300** to a dry concrete mix is not recommended. A separate dispenser and feed line must be used.

DOSAGE

MasterPozzolith R 300 is recommended for use at a dosage rate of 200 - 350 ml per 100 kg of cementitious materials. Variations in the job conditions and concrete making materials employed may require dosage rates outside the recommended range.

Consult your Master Builders Solutions Construction Chemicals field representative for assistance in determining the rate dosage.

PACKAGING

MasterPozzolith R 300 is available in bulk and 205L drums

SHELF LIFE

MasterPozzolith R 300 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 300** 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 Master Builders Solutions publication is 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 commonwealth or State legislation. The owner, his representative or the contractor 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 Master Builders Solutions either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions are responsible for carrying out procedures appropriate to a specific application.

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