

# MasterPozzolith<sup>®</sup> 322

dConcrete improving admixture

## DESCRIPTION

**MasterPozzolith 322** is a ready-to-use liquid admixture for producing better, more uniform quality concrete. It reduces the quantity of mixing water required to produce concrete of a given consistency, with greater economy for a given strength.

**MasterPozzolith 322** has been formulated to meet the requirements of ASTM C494 for Type A and Type D admixture.

**MasterPozzolith 322** is compatible with all cements meeting recognised international standards.

## RECOMMENDED USES

- improving pumped concrete, shotcrete (wet mix) and conventionally placed concrete.
- improving plain, reinforced, precast, prestressed, lightweight or normal weight concrete.
- use in concrete where normal and retarded setting characteristics and improved performance are desired.

## FEATURES AND BENEFITS

- **Good workability** - Good finishing characteristics for slab work and off-form surfaces.
- **Good water reduction** - Better concrete strength.
- **Good cohesion** - Reduces segregation particularly in lean mixes and high slump concrete.

## TYPICAL PERFORMANCE DATA

In comparison to plain concrete, a mix containing **MasterPozzolith 322** develops higher early and ultimate strengths while having normal or retarded setting characteristics.

## APPLICATION

### Dispensing

**MasterPozzolith 322** 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 **MasterPozzolith 322** to a dry concrete mix is not recommended. A separate dispenser and feed line must be used.

**MasterPozzolith 322** can be added to the concrete with mixing water.

## DOSAGE

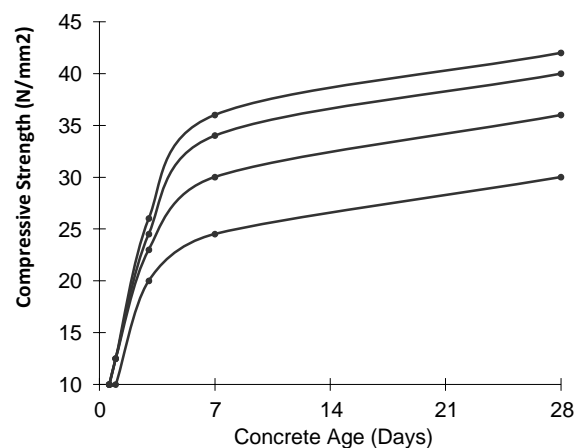
**MasterPozzolith 322** is normally used at the rate of 350 - 550ml per 100kg of cement. Other dosages may also be used depending on the specific working conditions.

Consult a local Master Builders Solutions field representative for assistance in determining the dosage.

## PACKAGING

**MasterPozzolith 322** is available in bulk and 205L

STRENGTH AND SETTING TIME PERFORMANCE



drums

## SHELF LIFE

**MasterPozzolith 322** 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 322** 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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® = registered trademark of MBCC Group member in many countries of the world

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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.

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**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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