

MasterPozzolith 370

Non-chloride water-reducing admixture

Material Description

MasterPozzolith 370 is a ready to use liquid admixture formulated to improve the performance of concrete in both the plastic and hardened states. **MasterPozzolith 370** is a non-retarding, water reducing, strength enhancing admixture which does not contain added chloride.

MasterPozzolith 370 conforms to AS 1478 Type WR.

Areas of Application

- All types of concrete where a non-chloride water reducing admixture is required
- Improving the performance of pumped concrete, shotcrete and conventionally placed concrete
- Improving the performance of plain, reinforced, precast, lightweight or standard weight concrete
- Concrete subject to chloride ion constraints such as in coastal environments
- Use in white or coloured concrete
- Use in architectural concrete
- Concrete placed on galvanised steel floor and roof systems which are left in place

Characteristics and Benefits

MasterPozzolith 370 admixture aids in the production of concrete with these special qualities:

In the plastic state:

- Superior finishing characteristics for slab work and off-form surfaces
- Normal setting characteristics under cool conditions allowing earlier finishing of slabs
- Reduced segregation particularly in lean mixes and high slump concrete
- Improved workability
- Improved pumpability
- Reduced water content for a given workability

In the hardened concrete:

- No added chlorides, conforms to the most stringent chloride ion limits including AS3600 concrete structures code, will not initiate or promote the corrosion of reinforcing steel
- Increased strength - compressive, flexural and bond (concrete to steel)
- Superior finished appearance
- Increased density and durability
- Reduced permeability - improved watertightness
- Reduced cracking
- Compatibility with air entraining age

Quantity to Use

MasterPozzolith 370 admixture is normally used at a dose rate of 300mL per 100kg of cementitious material depending on the composition of the basic ingredients of the concrete and ambient conditions. **MasterPozzolith 370** can be used in summer at 400 to 500mL per 100kg of cementitious material resulting in increased water reduction. The correct dosage rate in each instance should be determined by correctly conducted trials under the supervision of a Master Builders Solutions Technical Sales Representative.

Compatibility

MasterPozzolith 370 can be used with air entraining agents and other Master Builders Solutions admixtures to achieve cost effective customised performance. However, all admixtures should be dispensed separately and added separately to initial batching water to ensure complete distribution throughout the mix. **MasterPozzolith 370** can also be used in mix designs including flyash, slag and silica fume. **MasterPozzolith 370** should not be used in conjunction with other admixtures unless specific test information is available.

Packaging

MasterPozzolith 370 is available in 1000 litre pallecons and bulk delivery.



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Storage & Shelf Life

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing. Protect from direct sunlight. **MasterPozzolith 370** has a shelf life of 12 months.

Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

Disclaimer

MasterPozzolith-80-ANZ-V12-0723

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