

MasterPolyheed 8960

New mid-range admixture for low viscosity, improved rheology & manufactured sands

Material Description

MasterPolyheed 8960 is a versatile mid-range water reducing admixture designed for workability and rheology enhancement. **MasterPolyheed 8960** has been specifically developed to enhance the overall optimum performance in terms of water reduction, workability, cohesion, rheology, pumpability and finishing. **MasterPolyheed 8960** is robust in lean mixes and concrete containing manufactured sands.

MasterPolyheed 8960 is a chloride-free admixture and compatible with all types of cements and supplementary cementitious materials approved under Australian and New Zealand standards.

MasterPolyheed 8960 complies with AS 1478.1-2000 Chemical Admixtures for Concrete, Type MWR.

Areas of Application

- All types of concrete such as footings, slabs, driveways, etc
- Mixes where optimum efficiency of mix water content and workability is required
- Improving the performance of both pumped and conventionally placed concrete
- Applications where good rheology, easier screeding and finishing are desired

Characteristics and Benefits

- Improved performance of mixes containing manufactured sands
- Reduced water content for a given workability
- Improved workability retention
- Reduced segregation particularly in lean mixes
- Improved pumpability resulting in lower pump pressures
- Easier placing and finishing

Properties

Colour	Brown
Relative Density	1.065 ± 0.020
pH	5.5 ± 1.0

Application

MasterPolyheed 8960 is a ready-to-use liquid admixture that can be added to the concrete mix as a separate component with the initial batch water. However, optimal performance is achieved if **MasterPolyheed 8960** is dispensed into the concrete after the addition of 50 – 70% of the mixing water. Avoid adding the admixture to dry aggregates/cement. A separate dispenser and feed line must be used.

Dosage

The recommended range is 300ml to 1400ml per 100kg of cementitious content depending on the mix design and desired properties.

When **MasterPolyheed 8960** is used in conjunction with superplasticisers from the MasterGlenium or MasterEase range of products, the dosage of MasterGlenium or MasterEase can be reduced.

The optimum dosage should be determined by conducting trials using actual materials.

Please contact Master Builders Solutions for guidance & recommendations.

Compatibility

MasterPolyheed 8960 is not compatible with admixtures containing sulphonated naphthalene formaldehyde condensates.

MasterPolyheed 8960 may be used in conjunction with other Master Builders Solutions admixtures such as MasterGlenium, MasterEase, MasterSure, MasterPozzolith, MasterAir, MasterSet, MasterMatrix and MasterLife range of products.

It is imperative that any combination of admixtures must be tested in controlled laboratory or field trials to verify the desired performance of the concrete mix.

Packaging

MasterPolyheed 8960 is supplied in bulk, 1000 litre pallecons or IBCs and 20 litre cubes.



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Storage & Shelf Life

MasterPolyheed 8960 must be stored in a clean, dry, well-ventilated area away from ignition sources, heat or flame. Protect from direct sunlight and freezing. MasterPolyheed 8960 has a shelf life of 12 months when stored under recommended conditions.

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

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MB Solutions Australia Pty Ltd 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 and for ensuring that the application and use of the product is in accordance with the manufacturer's guidelines and recommendations.

NOTE

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

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