

MasterRheobuild[®] 1100HG

A superplasticising admixture to produce rheoplastic concrete

DESCRIPTION

MasterRheobuild 1100HG is a ready to use, liquid admixture designed to produce high slump concrete. It contains no chloride and is compliant with the requirements of ASTM C494 Type A and F admixtures.

FIELD OF APPLICATION

- Use with all cements and admixtures meeting ASTM, AASHTO, UNI and BSI specifications.
- Precast and ready-mixed concrete
- Pumped concrete

FEATURES AND BENEFITS

- High workability for short placement time, as well as saves time and labour
- High water reduction to produce high impermeability and strength; improves durability
- Superior cohesion with no segregation even at high workability. Excellent concrete quality
- High early strength for early demoulding
- Low shrinkage and creep for better dimensional stability

APPLICATION

Dispensing

The addition of **MasterRheobuild 1100HG** into a dry mix is not recommended.

MasterRheobuild 1100HG can be dosed either at the batching plant or at the placing site.

At the batching plant, introduce **MasterRheobuild 1100HG** at the specified dosage directly into the mixer through a dispenser along with mixing water, when the concrete is thoroughly wetted (i.e. after adding at least 75% of the mixing water) and mix for at least 2 minutes.

If added at the placing site, mix for at least 2 minutes after the addition.

DOSAGE

Dosage of **MasterRheobuild 1100HG** depends upon the mix design, the ambient conditions and the degree of water reduction and workability required. Typical dosage used is 0.7 – 1.2 litres per 100kg of cementitious materials. Other dosages may also be used depending on the mix design and ambient conditions.

PACKAGING

MasterRheobuild 1100HG is available in bulk and 205L drums

SHELF LIFE

MasterRheobuild 1100HG 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: MasterRheobuild 1100HG 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.

MasterRheobuild® 1100HG

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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. Product may contain allowable chloride content as specified. 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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