

# MasterRheobuild<sup>®</sup> 800

High-range water-reducing admixture

## DESCRIPTION

**MasterRheobuild 800** is a high range water reducing agent designed to produce high slump concrete with good slump retaining capability.

**MasterRheobuild 800** is a ready to use admixture that meets BS 5075 and ASTM C-494 Types F & G requirements for high range water-reducing admixtures.

## RECOMMENDED USES

**MasterRheobuild 800** is recommended for use in concrete where delayed setting and longer workability are required or desired. It is therefore ideal for:

- mass-concrete pours
- ready-mixed concrete
- long distance transport
- pumped concrete
- hot weather concreting

**MasterRheobuild 800** can be used with all cements and air –entraining admixtures approved under ASTM, AASHTO and CRD Specifications when air-entrained concrete is specified or desired. When used in conjunction with another admixture, each admixture must be dispensed separately in the mix.

## FEATURES AND BENEFITS

**MasterRheobuild 800** aids in the production of concrete with these special qualities:

- “Superplasticising” effect for high slump applications.
- Dramatic reduction in water requirement at equal slump
- Improved workability at equal water content compared to a non-treated mix.
- Improved pumpability
- Very good slump retention
- Reduced cracking
- Reduced permeability
- Increased durability
- Increased strength - compressive, flexural and bond of concrete to steel.

## APPLICATION

### Dispensing

**MasterRheobuild 800** is introduced into the mixer at the end of the batching sequence. The plasticising effect or water reduction is higher if the admixture is added to the damp concrete after 75% of the mixing water has been added.

The addition of **MasterRheobuild 800** to dry aggregate or cement is not recommended as it lowers the plasticising effect or the water reduction.

## DOSAGE

**MasterRheobuild 800** is normally dispensed at a rate of 0.5 -1.5 L/100kg of cement. Other dosages may also be used depending on the specific working conditions

## PACKAGING

**MasterRheobuild 800** is available in bulk and 205L drums

## SHELF LIFE

**MasterRheobuild 800** 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 800** 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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