

# MasterPozzolith<sup>®</sup> R 300

## High-range water-reducing admixture

### DESCRIPTION

**MasterRheobuild 800S** is a ready-to-use, chloride free high range water-reducing agent to produce high slump concrete with good slump retention.

**MasterRheobuild 800S** has been formulated to meet the requirements of ASTM C494 Type G; and BS 5075 for high range water-reducing admixtures

### RECOMMENDED USES

- use in concrete where delayed setting and longer workability are desired
- mass-concrete pours
- ready-mixed concrete
- long distance transport
- pumped concrete
- hot weather concreting
- use with all cements and air-entraining admixtures approved under ASTM and BS specifications

### FEATURES AND BENEFITS

- 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 compressive, flexural and bond strengths of concrete to steel.

### APPLICATION

#### Dispensing

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

#### DOSAGE

**MasterRheobuild 800S** is normally dispensed at a rate of 0.5 -1.2 L/100kg of cementitious material.

Other dosages may also be used depending on the specific working conditions

#### PACKAGING

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

#### SHELF LIFE

**MasterRheobuild 800S** 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 800S** 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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**STATEMENT OF RESPONSIBILITY**

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