

# RHEOBUILD<sup>®</sup> 1008

A strength enhancing, high range water-reducing admixture in liquid form for rheoplastic concrete.

## DESCRIPTION

**RHEOBUILD 1008** is a water-soluble, sulphonated polymer based admixture which allows mixing water to be reduced considerably and concrete strength to be accelerated significantly, particularly at early ages. It contains no chlorides and meets the requirements of ASTM C494 Type A and F, BS 5075 and UNI No. 8145 for high range water-reducing admixtures.

## FIELDS OF APPLICATION

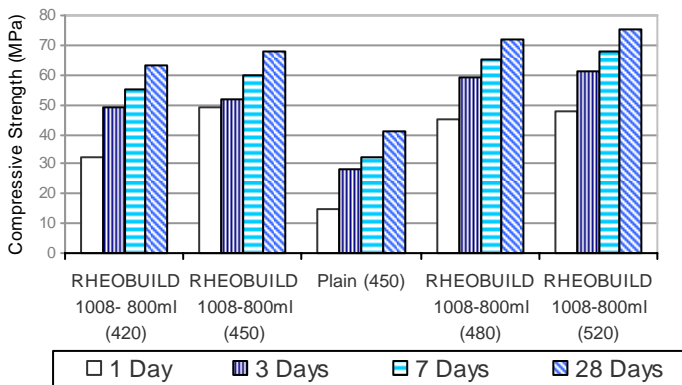
- Use with all cements and admixtures meeting ASTM, AASHTO, UNI and BSI specifications.
- Use with MB-VR air entraining agent whenever concrete is required to withstand freeze-thaw cycling.

## FEATURES AND BENEFITS

- flowable
- non-segregating
- high strength
- high impermeability
- greater durability
- dimensional stability
- increased resistance of air-entrained concrete to damage due to freezing, thawing and scaling from de-icing salts.

## TYPICAL PERFORMANCE DATA

Compressive Strength of RHEOBUILD 1008 in different cement



## APPLICATION

### Dispensing

**RHEOBUILD 1008** is introduced into the mixer together with water. The plasticising effect or water reduction is higher if the admixture is added to the damp concrete after 50-70% of the water has been added. The addition of **RHEOBUILD 1008** to dry aggregate or cement is not recommended, as it lowers the plasticising effect or water reduction.

### DOSAGE

**RHEOBUILD 1008** is normally dispensed at a rate of 0.7 – 1 litre per 100kg of cement. Other dosages may also be used depending on the specific working condition.

### PACKAGING

**RHEOBUILD 1008** is available in bulk and 205L drums.

### SHELF LIFE

**RHEOBUILD 1008** 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 : RHEOBUILD 1008** does not contain any hazardous substances requiring labelling.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

1-1-2-0108

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The Chemical Company

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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.

## NOTE

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

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