



The Chemical Company

# RHEOBUILD<sup>®</sup> 800S

High-range water-reducing admixture

## DESCRIPTION

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

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

## FIELDS OF APPLICATION

- 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.

## DISPENSING

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

## DOSAGE

**RHEOBUILD 800S** is normally dispensed at a rate of 0.5 -1.2 L/100kg of cement.

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

## PACKAGING

**RHEOBUILD 800S** is available in 205 L drums or by bulk delivery.

## SHELF LIFE

**RHEOBUILD 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 at 20°C and agitate until completely reconstituted.

## PRECAUTIONS

**Health :** **RHEOBUILD 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 Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

1-1-2-0108

### BASF Construction Chemicals offices in ASEAN

#### Singapore

Tel :+65-6861-6766  
Fax :+65-6861-3186

#### Malaysia

Tel :+60-3-5628-3388  
Fax :+60-3-7847-6781

#### Indonesia

Tel :+62-21-893-4339  
Fax :+62-21-893-4342

#### Thailand

Tel :+66-2204-9427  
Fax :+66-2664-9267

#### Vietnam

Tel :+84-650-743-100  
Fax :+84-650-743-200

#### Philippines

Tel : +63-2-889-4321  
Fax : +63-2-889-4361



The Chemical Company

# RHEOBUILD<sup>®</sup> 800S

---

---

**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.

---