

RHEOBUILD[®] 800

High-range water-reducing admixture

DESCRIPTION

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

RHEOBUILD 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.

FIELDS OF APPLICATION

RHEOBUILD 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

RHEOBUILD 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

RHEOBUILD 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.

DISPENSING

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

DOSAGE

RHEOBUILD 800 can be used at a rate of 0.5 – 1.5 litres per 100 kg of cement. Other dosages may also be used, depending on the specific working conditions.

PACKAGING

RHEOBUILD 800 is available in 205 L drums or in bulk.

SHELF LIFE

RHEOBUILD 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 at 20°C and agitate until completely reconstituted.

PRECAUTIONS

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

1-1-1-0208

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[®] 800

**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.
