

RHEOBUILD[®] 1023

(Super Pack)

Powdered, high range water-reducing, superplasticising admixture

DESCRIPTION

RHEOBUILD 1023 is a powdered superplasticising admixture based on Naphthalene Sulphonate. Supplied as a pre-measured dose in water degradable bags, it has been developed specifically for dosing of premixed concrete on site, to raise the slump without the addition of water.

RECOMMENDED FOR

- Increasing the slump of concrete on site without the addition of water
- Concrete that has lost slump and is difficult to discharge
- Where time delays have slowed discharge times
- Where the addition of water is prohibited on site
- To assist pumping
- Applications requiring fast and efficient placement
- Situations where there is congested reinforcement

FEATURES AND BENEFITS

- **No measurement of superplasticiser required**
- **Easier and safer to dose**
- **Easier to transport in truck cabins**
- **Substantial improvement in slump/flow and workability without increasing water**
- **Improved durability due to better dispersion of cement**

PRECAUTIONS

- Air entrainment may be slightly increased.
- Maximum dosage is 2 bags/100kg cementitious material
- Overdosing will cause segregation and increase set times

DOSAGE

One bag of **RHEOBUILD 1023** is equivalent to one litre of **RHEOBUILD 1000** admixture. Depending on actual mix design and starting slump, this is typically sufficient to raise the slump of 1m³ of concrete by approximately 40-50mm.

DISPENSING

To ensure uniformity and reduce possible errors, it is recommended that only one person should carry out dosing of trucks on site.

Wind the concrete mix to the back of the bowl and add the appropriate number of bags of **RHEOBUILD 1023** into the mixer. The concrete should then be agitated, at full mixing speed, for a full 5 minutes to ensure complete and thorough mixing.

Concrete containing **RHEOBUILD 1023** may be re-dosed if required once the original superplasticising effect has worn off. Dosage may be added at any time before initial set has started otherwise concrete will not respond.

COMPATIBILITY

RHEOBUILD 1023 is compatible with both water-reducing and air-entraining admixtures approved under SAA, SANZ, and ASTM specifications when used in concrete, but must be dispensed separately into the concrete mix. Should only be used in conjunction with water-reducing admixtures after specific test information is available at the dose rates proposed, otherwise extended retardation could result.

RHEOBUILD 1023 is not compatible with polycarboxylate based admixtures.

PACKAGING

RHEOBUILD 1023 is supplied in 400 gram, water degradable bags.

For additional information on **RHEOBUILD 1023** and its use in improving concrete performance, contact your local BASF technical representative.

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF **Material Safety Data Sheet (MSDS)** from our office or our website.



The Chemical Company

RHEOBUILD[®] 1023 (Super Pack)

AR1023/4/0811

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** 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** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

BASF Australia Ltd
A.B.N. 62008437867
Head Office: 11 Stanton Road Seven Hills, NSW 2147
Ph. (02) 8811 4200

Newcastle	(02) 4961 3819
Canberra	(02) 6280 6010
Brisbane	(07) 3633 9900
Townsville	(07) 4774 7344
Melbourne	(03) 9549 0300

Adelaide	(08) 8139 7500
Perth	(08) 9366 2600
Darwin	(08) 8984 3269
Kalgoorlie	0417 772 355

BASF New Zealand Ltd
BASF WEB SITES

Head Office: 45 William Pickering Drive, Albany, Auckland Ph: (09) 414 7233
www.basf-cc.com.au www.basf-cc.co.nz www.meyco.basf.com
