

## PRODUCT DATA SHEET

# Sikament<sup>®</sup> RB 800

(formerly MasterRheobuild<sup>®</sup> 800)

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## HIGH-RANGE WATER-REDUCING ADMIXTURE

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### DESCRIPTION

Sikament<sup>®</sup> RB 800 is a ready-to-use, chloride free high range water-reducing agent to produce high slump concrete with good slump retention.

Sikament<sup>®</sup> RB 800 has been formulated to meet the requirements of ASTM C494 Type G; and BS 5075 for high range water-reducing admixtures.

### 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

### CHARACTERISTICS / ADVANTAGES

- 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.

### PRODUCT INFORMATION

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<b>Packaging</b>	205 L drum
<b>Shelf Life</b>	Sikament <sup>®</sup> RB 800 can be stored for 12 months in tightly sealed original drums.
<b>Storage Conditions</b>	Stored at temperatures above 5°C. If found to be frozen, thaw it and reconstitute by stirring.

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# APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.5 - 1.2 Ltr/100kg of cementitious material. Other dosages may also be used depending on the specific working conditions
<b>Dispensing</b>	Sikament® RB 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 Sikament® RB 800 to dry aggregate or cement is not recommended as it lowers the plasticising effect or the water reduction.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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