

## PRODUCT DATA SHEET

# Sikament<sup>®</sup> RB 1088

(formerly MasterRheobuild<sup>®</sup> 1088)

A HIGH RANGE WATER-REDUCING ADMIXTURE IN LIQUID FORM FOR RHEOPLASTIC CONCRETE

### DESCRIPTION

Sikament<sup>®</sup> RB 1088 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 F for high range water-reducing admixtures.

Sikament<sup>®</sup> RB 1088 improves compressive strengths at all ages considerably compared to plain concrete with same workability.

### USES

- 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.

### CHARACTERISTICS / ADVANTAGES

- Flowable
- Non-segregating
- High strength
- High impermeability
- Greater durability
- Dimensional stability
- Increase resistance of air-entrained concrete to damage due to freezing, thawing and scaling from de-icing salts

### PRODUCT INFORMATION

<b>Packaging</b>	<ul style="list-style-type: none"><li>▪ 205 L drum</li><li>▪ 1,000 L tank</li></ul>
<b>Shelf Life</b>	12 months
<b>Storage Conditions</b>	Stored at temperatures above 5°C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

### APPLICATION INFORMATION

<b>Recommended Dosage</b>	Sikament <sup>®</sup> RB 1088 is normally dispensed at a rate of 700 – 1500mL per 100kg of cementitious material. Other dosages may also be used depending on the specific working condition.
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## 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.

## APPLICATION INSTRUCTIONS

### DISPENSING

Sikament® RB 1088 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 Sikament® RB 1088 to dry aggregate or cement is not recommended, as it lowers the plasticising effect or water reduction.

## 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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### Product Data Sheet

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