

## PRODUCT DATA SHEET

## Sikament® RB 1008

Strength Enhancing, High Range Water-reducing Admixture in Liquid Form for Rheoplastic Concrete

## DESCRIPTION

Sikament® RB 1008 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.

## USES

- Slabs and Foundations
- Walls and columns with slender dimensions and packed reinforcements
- Beams and Ceilings
- Pre-casted concreted elements for high quality demands
- Bridges and cantilevers
- Pre-stressed structures

## FEATURES

- Flowable
- No-segregating
- High strength
- High impermeability
- Greater durability
- Dimensional stability
- Increased resistance of air-entrained concrete to damage due to freezing, thawing and scaling from de-icing salts.

## CERTIFICATES AND TEST REPORTS

Complies with ASTM C494 Type A and F, BS 5075 and UNI No.8145 for high range water-reducing admixtures

## PRODUCT INFORMATION

Composition	Blended Polymer
Packaging	200 L/drum
Appearance and colour	Brown Liquid
Shelf life	12 months from the date of production If stored properly in undamaged, original, sealed packaging
Storage conditions	Store in dry conditions, protected from direct sunlight at temperature between 5°C and 40°C
Density	1.135 - 1.175 KG/L @ 25°C
pH-Value	6.0 - 9.0 @ 25°C

## APPLICATION INFORMATION

<b>Recommended dosage</b>	Sikament® RB 1008 is normally dispensed at a rate of 0.7 – 1 litre per 100 kg of cement. Other dosages may also be used depending on the specific working condition.
<b>Compatibility</b>	Sikament® RB 1008 may be combined with many other Sika products. Trials must always be carried out before combining products in specific mixes. Contact Sika Technical Services for additional information and any specific combinations. Sikament® RB 1008 is compatible with all types of Portland Cement, including SRC type and Hydraulic Cement.
<b>Dispensing</b>	Sikament® RB 1008 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 1008 to dry aggregate or cement is not recommended, as it lowers the plasticising effect or 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 Material Safety Data Sheet 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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