

PRODUCT DATA SHEET

Sikament® RB 1000 M

(formerly MasterRheobuild® 1000M)

Strength enhancing, high range water-reducing admixture in liquid form for rheoplastic concrete

DESCRIPTION

Sikament® RB 1000 M 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 D and G, BS 5075 and UNI No. 8145 for high range water-reducing admixtures.

USES

- Use with all cements and admixtures meeting ASTM, AASHTO, UNI and BSI specifications.

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

Packaging

- 1000 L IBC tank
- Bulk delivery

Shelf Life

12 months from date of production

Storage Conditions

Store at a temperature above 5 °C and in tightly sealed original containers. If found to be frozen, thaw it and reconstitute by stirring.

APPLICATION INFORMATION

Recommended Dosage

Sikament® RB 1000 M 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.

Dispensing

Sikament® RB 1000 M 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 1000 M 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

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

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.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate,
71800 Nilai, Negeri Sembilan D.K.
Malaysia
Phone: +606-7991762
e-mail: info@my.sika.com
Website: www.sika.com.my



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