

PRODUCT DATA SHEET

Sikament® RB 808

(formerly MasterRheobuild® 808)

Optimised superplasticising admixture for producing rheoplastic concrete

DESCRIPTION

Sikament® RB 808 is a ready to use, liquid admixture designed to produce high slump concrete. Rheoplastic concrete is typically fluid concrete with a slump value of ≥ 200 mm that flows easily but at the same time is free from segregation. Sikament® RB 808 contains no added chloride and meets the requirements of ASTM C494 Type A and F admixtures.

USES

- Use with all cements and admixtures meeting international specifications.
- Pre-cast and ready-mixed concrete
- Pumped concrete

CHARACTERISTICS / ADVANTAGES

- High workability for shorter placement time.
- High water reduction to produce high impermeability and strength leading to improves durability.
- Superior cohesion with no segregation even at high workability. Excellent concrete quality
- High early strength for early de-moulding
- Low shrinkage and creep for better dimensional stability

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

Dosage of Sikament® RB 808 depends upon the mix design, the ambient conditions and the degree of water reduction and workability required. Typical dosage used is 0.6–1.2 litres per 100 kg of cementitious materials. Other dosages may also be used depending on the mix design and ambient conditions.

Dispensing

The addition of Sikament® RB 808 into a dry mix is not recommended. Sikament® RB 808 can be dosed either at the batching plant or on-site. Introduce Sikament® RB 808 at the specified dosage directly into the mixer through a dispenser along with mixing water, when the concrete is thoroughly wetted (i.e. after adding at least 75 % of the mixing water) and mix for at least 2 minutes.
For on-site dosing, mix for at least 2 minutes after the addition.

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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