

PRODUCT DATA SHEET

Sika® ViscoCrete®-88 SC

HIGH-RANGE WATER REDUCING CONCRETE ADMIXTURE WITH WORKABILITY RETAINING TECHNOLOGY

DESCRIPTION

Sika® ViscoCrete®-88 SC is a liquid high-range water reducing and workability retaining admixture for concrete and shotcrete that requires extended workability.

USES

- Applications that require high quality concrete
- Applications that require improved workability retention
- Self compacting concrete
- Ideal for shotcrete

CHARACTERISTICS / ADVANTAGES

- Extended slump retention
- Less sensitive to variations in cement and aggregate types
- Improved cohesion properties
- Improved early and ultimate strengths
- Improved rheology and durability
- Reduced drying shrinkage

APPROVALS / CERTIFICATES

Sika® ViscoCrete®-88 SC meets the requirements of AS1478.1 (type HWR).

PRODUCT INFORMATION

Composition	Modified polycarboxylate in aqueous solution
Packaging	10 litre container 1000 litre IBC bulk deliveries
Shelf life	12 months from date of production if stored properly in undamaged containers.
Storage conditions	Store in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.
Appearance and colour	Light straw colour liquid
Density	1.05 kg/l (at +20°C)
Recommended dosage	Recommended dosage for concrete: 400 ml to 1500 ml per 100 kg of total cementitious material. Optimum dosage should be determined by site trials.
Dispensing	<ul style="list-style-type: none"> ▪ Sika® ViscoCrete®-88 SC should be dispensed through suitable calibrated dosing equipment with the mixing water ▪ The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. ▪ Sika® ViscoCrete®-88 SC should not be added to dry cement .

Compatibility

Sika® ViscoCrete®-88 SC can be used in conjunction with all the concrete admixtures manufactured by Sika Australia PTY Limited with the exclusion of Sikament® NN.

All admixtures must be added separately.

For additional information, please contact Sika technical personnel.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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.

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Product Data Sheet

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