

## PRODUCT DATA SHEET

# Sika® ViscoCrete®-88 SC

### HIGH-RANGE WATER REDUCING SHOTCRETE ADMIXTURE WITH WORKABILITY RETAINING TECHNOLOGY

#### DESCRIPTION

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

#### USES

- Applications that require high quality shotcrete
- Applications that require improved workability retention

#### 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 / STANDARDS

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

#### PRODUCT INFORMATION

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

## 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 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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