

PRODUCT DATA SHEET

Sika® ViscoCrete®-1083

Superplasticizer for ready-mix concrete



DESCRIPTION

Sika® ViscoCrete®-1083 is a PCE-based superplasticizer for ready-mixed concrete.

USES

- Production of ready-mix concrete
- Suitable for most concrete types
- For concretes with a very low water content

CHARACTERISTICS / ADVANTAGES

- Small amount of water reducer PCE and high amount of slump keeper PCE
- Ideal slump-life
- Suitable for many applications

APPROVALS / CERTIFICATES

EN 934-2:T2, T3.1, T3.2
Plasticizer and superplasticizer for the production of concrete
Complies with the requirements of the ZTV-ING

PRODUCT INFORMATION

Composition	Polycarboxylate ether
Packaging	Drum: 200 kg Container: 1000 kg Bulk: > 6 t
Appearance / Colour	Fluid / Colorless
Shelf life	Minimum of 1 year in sealed containers
Storage conditions	Protect against frost, strong sunlight and contamination. Utilise clean tanks and containers when delivered in bulk.
Density	1.051 g/cm ³ at 20°C
pH-Value	approx. 5
Conventional dry material content	25 %
Total chloride ion content	< 0.10 %
Equivalent sodium oxide	< 0.5 %

APPLICATION INFORMATION

Recommended dosage

0.2 - 2.5 % bwoc

Initial test according to DIN EN 206-1/DIN 1045-2 is required.

BASIS OF PRODUCT DATA

All technical data stated in this 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. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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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