

## PRODUCT DATA SHEET

# Sika® ViscoCrete®-2420 con. 10% (BE)

## SUPERPLASTICIZER FOR PRECAST CONCRETE

### DESCRIPTION

Sika® ViscoCrete®-2420 con. 10% (BE) is a PCE-based superplasticizer for the production of precast concrete.

### USES

- Production of precast concrete
- Suitable for most concrete Types
- Concrete with high early strength
- Concrete of the consistency classes F1 to F6

### FEATURES

- Strong water reduction
- Ideal slump-life
- Suitable for many applications

### CERTIFICATES AND TEST REPORTS

EN 934-2:T2, T3.1, T3.2  
Plastisizer and superplasticizer  
for the production of concrete

### PRODUCT INFORMATION

<b>Composition</b>	Polycarboxylate ether
<b>Packaging</b>	Drum: 200 kg IBC: 1000 kg Bulk delivery: From 6 t
<b>Shelf life</b>	Minimum of 1 year shelf life in sealed containers. Mix before using after longer storage times.
<b>Storage conditions</b>	Protect against frost, strong sunlight and contamination. Utilise clean tanks and containers when delivered in bulk.
<b>Appearance and colour</b>	Liquid / light-brown
<b>Density</b>	1.02 g/cm <sup>3</sup> at +20°C
<b>pH-Value</b>	approx. 4
<b>Total chloride ion content</b>	< 0.10 %
<b>Equivalent sodium oxide</b>	< 0.5 %

## APPLICATION INFORMATION

<b>Recommended dosage</b>	0.2 - 3.0 % bwoc Initial test according to DIN EN 206-1/DIN 1045-2 is required.
<b>Application time</b>	We recommend that Sika® ViscoCrete®-2420 con. 10% (BE) is added at the end of the water addition to the concrete mix and before other concrete admixtures. To obtain optimum utilisation of the liquefaction potential, we recommend a wet mixing time of at least 45 seconds with optimal mixing. Commence the fine water dosage after at least 2/3 of the wet mixing time to prevent too soft consistencies.

## 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

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.

## 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.

**Sika Deutschland GmbH**  
Concrete  
Peter-Schuhmacher-Straße 8  
69181 Leimen  
Telefon: +49 06224 988-04  
Telefax: +49 06224 988-522  
EMail: leimen@de.sika.com



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