

## PRODUCT DATA SHEET

# Sika® ViscoCrete® Premier

Accelerating High Range Water Reducing/Superplasticising Concrete Admixture

### PRODUCT DESCRIPTION

Sika® ViscoCrete® Premier is a liquid admixture for concrete which is used as an accelerating high range water reducer or superplasticiser. It meets the requirements of BS EN 934-2

### USES

Sika® ViscoCrete® Premier has been specifically formulated for the production of concrete mixes which require high early strength development, powerful water reduction and excellent flowability.

- Precast concrete
- Fast track concrete
- Self compacting concrete

### CHARACTERISTICS / ADVANTAGES

- Significantly increased early age strength
- Excellent water reduction
- Excellent flowability
- Reduced drying shrinkage
- Improved surface finish

### APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Tables 3.1 & 3.2  
DoP 76496749, certified by Factory Production Control Body 1029 and provided with the CE mark  
DoP 48170387, certified by Factory Production Control Body 0120 and provided with the UKCA mark

### PRODUCT INFORMATION

<b>Chemical Base</b>	Modified Polycarboxylate
<b>Packaging</b>	20 litre drum, 200 litre drum, 1000 litre IBC and Bulk Tanker
<b>Appearance / Colour</b>	Light Brown Liquid
<b>Shelf Life</b>	12 months from date of production if stored in unopened and undamaged original sealed containers.
<b>Storage Conditions</b>	To be stored in sealed containers protected from moisture at temperatures between +5°C and +25°C.
<b>Density</b>	1.08 kg/litre (at +20°C)
<b>pH-Value</b>	4.3 +/- 1.0
<b>Total Chloride Ion Content</b>	<0.1% w/w (chloride free)
<b>Equivalent Sodium Oxide</b>	<0.30% w/w (alkali content)
<b>Recommended Dosage</b>	<ul style="list-style-type: none"> <li>▪ 0.2 - 0.8% by weight of cement (medium workability)</li> <li>▪ 1.0 – 2.0% by weight of cement (high workability/SCC)</li> </ul>
<b>Compatibility</b>	Sika® Admixtures: Compatibility information available on request

Cements:  
All cement combinations

<b>Dispensing</b>	Sika® ViscoCrete® Premier should be dispensed through suitable calibrated equipment
<b>Restrictions</b>	<ul style="list-style-type: none"><li>▪ Sika® ViscoCrete® Premier should not be added to dry cement</li><li>▪ Sika® ViscoCrete® Premier should be added with the mixing water</li></ul>

## VALUE BASE

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

### REGULATION (EC) NO 1907/2006 - REACH

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

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.

### SIKA LIMITED

Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited



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