

# 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 02 13 01 01 100 0 000213 1088, certified by Factory Production Control Body 0086, Certificate 541325, and provided with the CE 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>	<0.60%
<b>Recommended Dosage</b>	0.2 - 0.8% by weight of cement (medium workability) 1.0 – 2.0% by weight of cement (high workability/SCC)

<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>	Sika® ViscoCrete® Premier should not be added to dry cement Sika® ViscoCrete® Premier should be added with the mixing water

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## 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.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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 IRELAND LIMITED**  
Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @Sikalreland



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