BUILDING TRUST

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

Chemical Base	Modified Polycarboxylate
Packaging	20 litre drum, 200 litre drum, 1000 litre IBC and Bulk Tanker
Appearance / Colour	Light Brown Liquid
Shelf Life	12 months from date of production if stored in unopened and undamaged original sealed containers.
Storage Conditions	To be stored in sealed containers protected from moisture at temperatures between +5°C and +25°C.
Density	1.08 kg/litre (at +20°C)
pH-Value	4.3 +/- 1.0
Total Chloride Ion Content	<0.1% w/w (chloride free)
Equivalent Sodium Oxide	<0.30% w/w (alkali content)
Recommended Dosage	▪ 0.2 - 0.8% by weight of cement (medium workability) ▪ 1.0 – 2.0% by weight of cement (high workability/SCC)
Compatibility	Sika® Admixtures: Compatibility information available on request Cements:

	All cement combinations
Dispensing	Sika® ViscoCrete® Premier should be dispensed through suitable calibrated equipment
Restrictions	▪ 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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

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.

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 IRELAND LIMITED
Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland