

## PRODUCT DATA SHEET

# Sika® ViscoCrete®-1000 WP

### Multi-purpose Superplasticizer / High Range Water-Reducing Admixture

#### DESCRIPTION

Sika ViscoCrete® 1000 WP is a new generation, non-chlorinated, acrylic copolymer superplasticizer / high-range water-reducing admixture.

#### USES

Sika ViscoCrete® 1000 WP combines several actions. Adsorption to the surface of the cement and separation of fines particles during the hydration process give the following properties :

- Very high water reduction (consequently high waterproofing and resistances).
- High fluidity (consequently easier application).
- High short term resistance.
- High waterproofing improvement.
- Better creeps and shrinkage behaviour.
- Lower carbonation speed.

Sika ViscoCrete® 1000 WP does not contain any chloride or other component which could cause or increase steel corrosion. It can be used without restriction for reinforced or prestressed concrete constructions.

#### FEATURES

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#### CERTIFICATES AND TEST REPORTS

Sika® ViscoCrete® 1000 WP meets the requirements of NF EN 934-2 tables 3.1 & 3.2.

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## PRODUCT INFORMATION

<b>Composition</b>	PCE
<b>Packaging</b>	1000lts IBC 200lts drum 25lts kegs Bulk on request
<b>Shelf life</b>	12 months minimum from production date.
<b>Storage conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperature between 5°C and 35 °C. Protect away from direct sunlight.
<b>Colour</b>	Light Brown
<b>Density</b>	1.07 +/- 0.01
<b>pH-Value</b>	5 +/- 1
<b>Recommended dosage</b>	Recommended dosage: <ul style="list-style-type: none"><li>▪ 0.2 to 3% of the cement weight depending on performances required.</li><li>▪ Usual dosage: 0.4 to 1.5% of the binder weight.</li></ul>
<b>Application time</b>	Sika Viscocrete® 1000 WP is added either at the same time as the mixing water or at a later stage to concrete that has been pre-moistened with a part of the mixing water.

## 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

## 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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