

## Sika® ViscoCrete®-1030

High range water reducing/superplasticizing admixture for concrete

<b>Description</b>	Sika® ViscoCrete®-1030 is an effective water reducing superplasticizing admixture of the third generation that gives the concrete good workability and good strength development. Sika® ViscoCrete®-1030 provides good dispersing properties that gives short mixing time. Sika® ViscoCrete®-1030 is CE-marked according to EN 934-2. Certificate number: 2719-CPR-701.
<b>Usage</b>	Sika® ViscoCrete®-1030 can be used for all types of concrete but especially for concrete where short opening time is desirable for example in precast industry. The product may be used for mixed cements for example CEM II with slag and lime.
<b>Technical Data</b>	
<b>Colour</b>	White transparent liquid
<b>Density</b>	1.06 ± 0.02 kg/dm <sup>3</sup>
<b>pH-value</b>	5 ± 1
<b>Chloride cont.</b>	<0.10 % by weight
<b>Alkali cont., ekv Na<sub>2</sub>O</b>	<0.6 % by weight
<b>Corrosive properties</b>	Not relevant when the instructions is followed
<b>Dry cont.</b>	30 ± 1.5 %
<b>Viscosity</b>	Easy flow able liquid
<b>Dosage</b>	0.2-2.0 % by cement weight
<b>Place of origin</b>	Sika Sverige AB Domnarvsgatan 15 163 08 Spånga SVERIGE
<b>Packing size</b>	Can 20 kg, drum 210 kg, IBC 1050 kg and tanker truck.
<b>Shelf life</b>	Minimum of 9 months from delivery (tanker truck 16 months). Stored in closed storage tanks in a non-freezing environment. Stirring is recommended; avoid blowing air directly in the admixture.
<b>Hazardous substances</b>	Se separate safety data sheet.



## Dosage

- Automatic dosing equipment by volume or weight is recommended, observe density and dry content.
- Add Sika<sup>®</sup> ViscoCrete<sup>®</sup>-1030 at the earliest stage with the mixing water. To optimize the effect of the admixture wait approx. 20-30 seconds. This have to be checked in each specific concrete mix and mixing equipment to receive the maximum effect.
- Segregation of the concrete can occur when overdosing the admixture. The retarding effect of Sika<sup>®</sup> ViscoCrete<sup>®</sup>-1030 is moderate when using the recommended dosage.
- Sikament<sup>®</sup> VS-1 can be combined with all Sika's admixtures, although every admixtures needs to be added separately to the concrete.
- Recommended mixing time is 30-180 s due to type of mixer.
- Recommended dosage approx. 0.2-2.0% by cement weight.
- The effect of this admixture is strongly effected by witch cement type is in use.
- Clean dosing equipment with water.
- Pre trials shall be performed according to required concrete standards with actual materials to clarify the right effect is achieved with Sika<sup>®</sup> ViscoCrete<sup>®</sup>-1030.
- Use plastic, glass fiber or stainless steel tanks when storing Sika<sup>®</sup> ViscoCrete<sup>®</sup>-1030.

## Health & Environment Regulations

See separate health and environment data sheet.

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. [www.sika.se](http://www.sika.se).



Sika Sverige AB  
Domnarvsgatan 15  
Box 8061  
SE-163 08 Spånga  
Sverige

Tel. +46 8 621 89 00  
Fax +46 8 621 89 89  
[www.sika.se](http://www.sika.se)

