

## PRODUCT DATA SHEET

Sika ViscoFlow<sup>®</sup>-3200

High range water reducing/super plasticizing admixtures

## PRODUCT DESCRIPTION

Sika ViscoFlow<sup>®</sup>-3200 is a liquid admixture for concrete based on unique polycarboxylate polymers. Sika ViscoFlow<sup>®</sup>-3200 is designed as a high range water reducer or superplasticiser for concrete that requires excellent workability retention.

## USES

- Sika ViscoFlow<sup>®</sup>-3200 is suitable for the production of ready mixed concrete
- Ideally suited for use in self compacting and flowing concrete
- Suitable for use in cementitious flowing screeds
- Applicable across broad range of consistence classes from S3 – SF3
- High performance concrete
- High rise/pumped concrete
- Provides extended workability retention

## CHARACTERISTICS / ADVANTAGES

- High range water reduction resulting in higher strengths and densities
- Improved cohesion properties
- Improved workability retention
- Improved rheology
- Improved durability
- Reduced segregation and bleeding

## APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Table 3.1 and 3.2  
DoC 35238578, certified by Factory Production Control Body 0120 and provided with the UKCA mark  
DoP 79827279, certified by Factory Production Control Body 1029 and provided with the CE mark

## PRODUCT INFORMATION

Packaging	20 L drum & 1000 L IBC
Appearance / Colour	Brown liquid
Shelf Life	12 months from date of production if stored properly in undamaged containers.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Total Chloride Ion Content	<0.1 % w/w (chloride free)
Equivalent Sodium Oxide	<0.4 % w/w (Alkali content)
Specific gravity	1.09 kg/L

## APPLICATION INFORMATION

Recommended Dosage	0.3-1.2 % by weight of cement
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## Compatibility

Sika ViscoFlow®-3200 may be combined with many other Sika products. Important: Always conduct trials before combining products in specific mixes and contact our Technical Service Department for information and advice about any specific combinations.

## Dispensing

Sika ViscoFlow®-3200 should be dispensed through suitable calibrated dosing equipment.  
Sika ViscoFlow®-3200 is added to the gauging water or added with it into the concrete mixer.

## 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.

## APPLICATION INSTRUCTIONS

### MIXING

Sika ViscoFlow®-3200 should not be added to dry cement

### APPLICATION

The standard rules of good concreting practice, concerning production and placing, are to be followed. Laboratory trials shall be carried out before concreting on site, especially when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and curing applied as soon as possible.

## 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.

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