

## Sika® Stabiliser 4

### Viscosity Modifying Concrete Admixture

Construction

#### Product Description

Sika® Stabiliser 4 is a liquid admixture for concrete which is used to modify the viscosity and eliminate segregation of concrete.

#### Applications

- Sika® Stabiliser 4 is a unique product that is suitable for the production of self compacting concrete
- Pumped concrete
- Aggregate packages that lack fines
- Lightweight aggregates

#### Characteristics / Advantages

- Improved fluidity
- Improved consistence retention
- Improved surface finishes
- Improved cohesion properties
- Improved rheology
- Reduced segregation and bleeding

#### Tests

#### Approval / Standards

Conforms to the requirements of BS EN 934-2 Table 13  
DoP 02 14 04 02 100 0 000031 1088, certified by Factory Production Control Body 0086, Certificate 541325, and provided with the CE mark

#### Product Data

#### Form

#### Appearance / Colours

Blue liquid

#### Packaging

25 litre drum, 200 litre drum, 1000 litre IBC

#### Storage Conditions / Shelf Life

12 months from date of production if stored properly in undamaged containers, in dry conditions at temperatures between +5°C and +25°C.  
Protect from direct sunlight and frost.



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**Technical Data**

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<b>Chemical Base</b>	Carbohydrate Complex
<b>Density</b>	1.03 kg/litre (at +20°C)
<b>pH Value</b>	8.0 ± 1.0
<b>Freezing Point</b>	+1°C
<b>Chloride Ion Content</b>	<0.10% w/w (chloride free)
<b>Effect on Setting</b>	Extension to normal setting
<b>Effect of Overdosing</b>	Retardation and increased cohesion
<b>Alkali Content</b>	<0.25% w/w

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**System Information**

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**Application Details**

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<b>Consumption / Dosage</b>	0.1 -1.0% by weight of cement
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**Application Conditions / Limitations**

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**Compatibility**

Sika® Admixtures:

- Compatible with all Viscocrete High Range Water Reducers/Superplasticisers
- Compatibility information available on request

Cements:

- All cement combination
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**Application Instructions**

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<b>Dispensing</b>	Sika® Stabiliser 4 should be dispensed through suitable calibrated dosing equipment.
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<b>Application Method / Tools</b>	<ul style="list-style-type: none"><li>■ The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. Fresh concrete must be cured properly.</li><li>■ Sika® Stabiliser 4 should not be added to dry cement</li><li>■ Sika® Stabiliser 4 should be added with the mixing water</li></ul>
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<b>Notes on Application / Limitations</b>	<ul style="list-style-type: none"><li>■ When using Sika® Stabiliser 4 a suitable mix design is required and local material sources should be evaluated.</li><li>■ Support from our Technical Department is recommended</li></ul>
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<b>Value Base</b>	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
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<b>Local Restrictions</b>	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
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<b>Health and Safety Information</b>	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
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## 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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## CE Labelling

EN 934-2:2009 is a candidate "harmonized" European Standard and fully takes into account the requirements of the European Commission mandate M128. Products related to concrete, mortar and grout, given under the EU Construction Products Directive (89/106/EEC) and intended to lead to CE marking.

CE-labelled as per Annex ZA.3, table ZA.2 conformity 2+ and fulfil the requirements of the given mandate of the EU Construction Products Directive (89/106/CE).

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