

PRODUCT DATA SHEET

Sika® ViscoCrete® Strike

Accelerating High Range Water Reducing/Superplasticising Concrete Admixture

PRODUCT DESCRIPTION

Sika® ViscoCrete® Strike is based on unique polycarboxylate polymers technologies. Sika® ViscoCrete® Strike is a liquid admixture for concrete which is used as an accelerating, high range water reducer or superplasticiser. The product provides fast adsorption resulting in highly efficient dispersion and potential reduction in mixing time. It meets the requirements of BS EN 934-2

USES

- Sika® ViscoCrete® Strike is a unique product that is suitable for the production of ready mixed concrete as well as precast operations.
- Application that requires excellent workability and early strength development.
- Concrete with high water reduction to meet low w/c ratio requirements
- High performance concrete
- Self-compacting concrete

CHARACTERISTICS / ADVANTAGES

- Quick mixing
- Ideally suited for use in SCC and flowing concretes
- High water reductions resulting in higher strengths and densities
- Reduced permeability
- Fast strength development
- Improved flow
- Reduced shrinkage and creep
- Advantages in mix cost savings
- Precast energy savings
- Consistent performance of the concrete
- Chloride free

APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Tables 3.1 & 3.2
DoP 14050789, certified by Factory Production Control Body 1029 and provided with the CE mark
DoP 22135259, certified by Factory Production Control Body 0120 and provided with the UKCA mark

PRODUCT INFORMATION

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| Chemical Base | Modified polycarboxylate |
| Packaging | 20 litre drum, 1000 litre IBC and Bulk Tanker |
| Appearance / Colour | Pale Opaque 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. |
| Density | 1.06 kg/l (at +20°C) |
| pH-Value | 4.5 +/- 0.5 |
| Total Chloride Ion Content | <0.10% w/w (chloride free) |

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|--------------------------------|---|
| Equivalent Sodium Oxide | <0.65% w/w (alkali content) |
| Recommended Dosage | 0.2 -0.8% by weight of cement for medium workability 1.0-2.0% by weight of cement for special applications such as self compacting or ultra high strength concrete. |
| Compatibility | Sika® Admixtures: - All Sika admixtures can be considered - Trial mixes should always be carried out to determine performance in-situ Cements: - All cements including replacements |
| Dispensing | Sika® ViscoCrete® Strike is added to the gauging water at the plant or added on-site into the concrete mixer. A minimum of sixty seconds mixing time is required to ensure the full effect of the product performance. |
| Restrictions | 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. |

VALUE BASE

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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

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.

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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