

PRODUCT DATA SHEET

Sika® ViscoCrete®-5250

High range water reducing/super plasticising admixture

PRODUCT DESCRIPTION

Sika® ViscoCrete®-5250 is a liquid admixture for concrete based on advanced polycarboxylate polymers. Sika® ViscoCrete®-5250 is designed as a high range water reducer or superplasticiser for concrete at a wide range of workabilities.

USES

- Sika® ViscoCrete®-5250 is suitable for the production of ready mixed concrete
- Applicable across broad range of consistence classes from S2 – SF3
- High performance concrete

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
DoP 56947864, 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	<0.10 % w/w (chloride free)
Equivalent Sodium Oxide	<1.0 % w/w (alkali content)
Specific gravity	1.08 kg/L

APPLICATION INFORMATION

Recommended Dosage	0.3-1.5 % by weight of cement. Dosages outside this range should be verified by trials.
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Compatibility

Sika® ViscoCrete®-5250 may be combined with many other Sika® products. Important: Always conduct trials before combining products in specific mixes and contact our Technical Services Department for information and advice about any specific combinations.

Dispensing

Sika® ViscoCrete®-5250 should be dispensed through suitable calibrated dosing equipment.
Sika® ViscoCrete®-5250 is added to the gauging water or added with it into the concrete mixer.

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.

APPLICATION INSTRUCTIONS

MIXING

Sika® ViscoCrete®-5250 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

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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