

PRODUCT DATA SHEET

Sika® ViscoCrete®-150 PF (GB)

HIGH RANGE WATER REDUCING/SUPERPLASTICISING CONCRETE ADMIXTURE

PRODUCT DESCRIPTION

Sika® ViscoCrete®-150 PF (GB) is a liquid admixture for concrete, used as a high-range water reducer/superplasticiser. It is specifically formulated for use in concrete that is to receive a powerfloated finish.

USES

- Sika® ViscoCrete®-150 PF (GB) is suitable for the production ready mixed flooring concretes
- Suitable for laser screed and hand laid floor slabs
- Applications that require high quality concrete
- Applications that require high early strength

CHARACTERISTICS / ADVANTAGES

- Neutral set time for power floating
- Reduced chance of delamination
- Reduced drying shrinkage
- Controlled air content
- Improved cohesion and rheology
- Improved early and ultimate strengths
- Improved durability
- Loss of consistence due to fibre reinforcement can be compensated

APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Table 3.1 & 3.2
 DoP 58248139 certified by Factory Production Control Body 1029 and provided with the CE Mark
 DoC 60178762 certified by Factory Production Control Body 0120 and provided with the UKCA Mark

PRODUCT INFORMATION

Chemical Base	Modified polycarboxylate
Packaging	1000 litre IBC
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.
Appearance / Colour	Brown liquid
Specific gravity	1.03 kg/L (at 20°C)
Total Chloride Ion Content	<0.1 % w/w (chloride free)
Equivalent Sodium Oxide	<0.20 % w/w (alkali content)

TECHNICAL INFORMATION

Specific Advice

Air Entrainment: ≤2% in accordance with EN 934-2 Table 3.1
Effect on Setting: Slight extension to normal setting
Effect of Overdosing: Increased workability and segregation

APPLICATION INFORMATION

Recommended Dosage

0.4 -1.5% by weight of cement

Compatibility

Sika® Admixtures: Compatibility information available on request
Cements: All cement combinations

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

APPLICATION METHOD

- 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.
- Sika® ViscoCrete®-150 PF (GB) should not be added to dry cement
- Sika® ViscoCrete®-150 PF (GB) should be added with the mixing water

MIXING

When added on site, the truck mixer shall rotate its drums at maximum revolutions for at least 1 minute per m³ concrete and a minimum of 5 minutes to achieve a uniform mix.

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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