

Sika® ViscoCrete® 30HE (UK)

Accelerating High Range Water Reducing/Superplasticising Concrete Admixture

Construction

Product Description	Sika® ViscoCrete® 30HE (UK) is a liquid admixture for concrete which is used as an accelerating high range water reducer or superplasticiser. It meets the requirements of BS EN 934-2.
Uses	<p>Sika® ViscoCrete® 30HE (UK) has been specifically formulated for the production of concrete mixes which require high early strength development, powerful water reduction and excellent flowability.</p> <ul style="list-style-type: none"> ■ Precast concrete ■ Fast track concrete ■ Self compacting concrete
Characteristics / Advantages	<ul style="list-style-type: none"> ■ Significantly increased early age strength ■ Excellent water reduction ■ Excellent flowability ■ Reduced drying shrinkage ■ Improved surface finish
Tests	
Approvals / Standards	Conforms to the requirements of BS EN 934-2 Tables 3.1 & 3.2 DoP 02 13 01 01 100 0 000422 1088, certified by Factory Production Control Body 0086, Certificate 541325, and provided with the CE mark
Product Data	
Form	
Appearance / Colour	Light Brown Liquid
Packaging	25 litre drum and 1000 litre IBC
Storage	
Storage Conditions / Shelf-Life	12 months from date of production if stored in unopened and undamaged original sealed containers protected from moisture at temperatures between +5°C and +25°C.



Technical Data

Chemical Base	Modified Polycarboxylate
Density	1.06 kg/litre
pH Value	4.4 ± 1.0
Water Soluble Chloride Content	<0.1% w/w (chloride free)
Alkali Content	< 0.40%

System Information

Application Details

Consumption / Dosage	<ul style="list-style-type: none">■ 0.2 - 0.8% by weight of cement (medium workability)■ 1.0 – 2.0% by weight of cement (high workability/SCC)
Dispensing	■ Sika® ViscoCrete® 30HE (UK) should be dispensed through suitable calibrated equipment
Application Conditions / Limitations	<ul style="list-style-type: none">■ Sika® ViscoCrete® 30HE (UK) should not be added to dry cement■ Sika® ViscoCrete® 30HE (UK) should be added with the mixing water
Compatibility	Sika® Admixtures: <ul style="list-style-type: none">■ Compatibility information available on request Cements: <ul style="list-style-type: none">■ All cement combinations

Notes on Application / Limitations	Support from our Technical Service Department is recommended.
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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.
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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.
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Health and Safety Information	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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