

Sikament® 131

High range water reducing/superplasticising admixture for concrete

Product Description	Sikament® 131 - is a high range water reducing admixture for concrete with stabilizing effect. It meets the requirements for superplasticizing admixtures according to technical specifications № 2493-041-13613997-2010.
Uses	Applicable for production: <ul style="list-style-type: none"> ■ Ready-mix concrete
Advantages	<ul style="list-style-type: none"> ■ normal slump life of concrete mix (60-90 min.); ■ high water reduction (up to 25%); ■ high compatibility with various types of cements and inert aggregates; ■ increase early strength, water resistance and durability concrete or decline cement consumption at unchanging characteristics of concrete; ■ reduction of shrinkage and creep of concrete. <p>Sikament® 131 does not contain chlorides or any other materials which promote the corrosion of steel reinforcement. It is therefore suitable for reinforced and pre-stressed concrete.</p>

Product Data

Chemical basis	Aqueous solution of naphthalenesulfonates
Appearance/Color	Brown liquid
Density	1,16 - 1,19 kg/l ³ (at 20°C)
pH value	4,0 – 7,0
Storage Conditions/ Shelf Life	12 months from date of production if stored properly in undamaged and unopened original sealed containers, in dry conditions and at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.
Packaging	1000 litre IBC's, also available on tap

System Information

Consumption Dosage	0,8 – 5,0% liquid admixture by weight of cement. The dosage may vary to the big or the smaller side, depending on the requirements for concrete mix, and the optimal dosage is established based on laboratory tests.
Application Instructions	Sikament® 131 is added to the mixing water or simultaneously with her in a mixer. To obtain a concrete mix homogeneous time mixing shall be not less 60 seconds during adjustment a production release party of concrete mix. After adjusting the mixing time in stationary mixer may be reduced by taking into account that further mixing will be done in concrete mixers.



Notes on Application / Limitations

Freeze/Thaw	Frozen additive can be applied after slow thawing at room temperature and thorough mixing without deteriorating properties.
Compatibility	To obtain the necessary properties of the concrete mix when using Sikament® 131 may only be used after thawing slowly at room temperature and intensive mixing.

Safety Instructions

Health and Safety Information	After contact with skin, wash with soap and water. In case of contact with eyes or mucous membranes, wash immediately with plenty of water and seek medical advice. 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 (MSDS) containing physical, ecological, toxicological and other safety related data.
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Ecology	Do not empty of the soil, water or sewer. Dispose of publicly-local rules.
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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 current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika 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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