

Sikament® 56

High range water reducing/superplasticizing admixture for concrete and mortar

Description	Sikament® 56 is a third generation superplasticizer for concrete and mortar. Sikament® 56 is CE-marked according to EN 934-2. Certificate number: 2605-CPR-701.
Usage	Sikament® 56 is especially suitable for the production of concrete mixes, which require prolonged slump life, powerful water reduction and excellent flow ability. Sikament® 56 is mainly used for the following applications: <ul style="list-style-type: none"> ■ Shoot Crete ■ Normal concrete ■ Concrete with low W/C-ratio ■ Self Compacting Concrete
Technical Data	
Colour	Light yellow turbid liquid
Density	1,08 ± 0,02 kg/dm ³
pH-value	4,5 ± 1
Chloride cont.	<0,10 % by weight
Alkali cont., ekv Na₂O	<0,8 % by weight
Corrosive properties	Not relevant when the storing instruction is followed
Dry cont.	37 ± 1 %
Viscosity	Easy flow able liquid
Dosage	0,1-2,0 % by cement weight
Place of origin	Sika Sverige AB Domnarvsgatan 15 163 08 Spånga SVERIGE
Packing size	Can 20 kg, barrel 220 kg, IBC 1100 kg and truck lorry.
Shelf life	Minimum of 9 months from delivery (truck lorry minimum 16 months). Stored in closed storage tanks in a non-freezing environment. Stirring is recommended, avoid to blow air directly in the admixture.
Hazardous substances	Se separate safety data sheet.



Dosage

- Automatic dosing equipment by volume or weight is recommended, observe density and dry content.
- Add Sikament® 56 at the earliest stage with the mixing water. To optimize the effect of the admixture wait approx. 20-30 seconds. This have to be checked in each specific concrete mix and mixing equipment to receive the maximum effect.
- Segregation of the concrete can occur when overdosing the admixture. The retarding effect of Sikament® 56 is moderate when using the recommended dosage.
- Sikament® 56 can be combined with all Sika's admixtures, although every admixtures needs to be added separately to the concrete.
- Recommended mixing time is 30-180 s due to type of mixer.
- Recommended dosage approx. 0,1-1,5% by cement weight.
- The effect of this admixture is strongly effected by witch cement type is in use.
- Clean dosing equipment with water.
- Pre trials shall be performed according to required concrete standards with actual materials to clarify the right effect is achieved with Sikament® 56.
- Use plastic, glass fiber or stainless steel tanks when storing Sikament® 56.

Health & Environment Regulations

See separate health and environment data sheet.

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. www.sika.se.



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