

Sikament® 340

Superplasticizer admixture long workability

General Indications

Description Sikament® 340 is a liquid superplasticizer admixture, composed of a mixture of polymers sulfonates, formulated to extend the workability of concrete. Recommended for summer climate. Its composition is chloride free, so Sikament® 340 is completely inoffensive to the reinforcement steel bars.

Field of Use Sikament® 340 can be used with all types of standard and high grade concrete, and where needed special properties of:

- high performance concrete
- high compressive strength
- low permeability values
- high durability against natural aggressive agent

It is quite indicated in the high performance ready mix industry.

Advantages Sikament® 340 improves the properties of fresh and hardened concrete:

On fresh concrete:

- Considerable improvement of workability
- More homogeneous mix of components when mixing
- Reduction in the water/cement ratio, being workability equal

On hardened concrete:

- Increase of compressive strength
- Reduction in the shrinkage and fluage effect
- Long lasting durability

Certificates . Sikament® 340 is in accordance with law EN 934-2 /11.1 -11.2

Characteristics

Description Superplasticizer admixture for concrete

Form, Color Liquid Brown

Packaging 25lit jerrycan, 200 lit barrel, 1000 lit returnable tank, bulk.

Shelf life/storage In unopened original packing, protected from sun direct exposure and frost, at temperatures between +5 and + 35°C: 12 months

Construction



Technical Data

Density	1.16 ± 0.03 kg/dm ³ @ 20°C
pH Value	6.3 ± 1
Chemical Base	Superplasticizer mixture of sulphonated polymers

Application Conditions:

Procedure of use	Sikament [®] 340 is added to the mixture in quantity of 0.4 to 2.0 kg for 100 kg of cement. It is advisable to add Superflux in the mixture at the end of the loading, at the same time of last water addition. Different dosage is possible in relation to specific work conditions upon consultation of our technical service.
Compatibility	Sikament [®] 340 can be used together with other Sika concrete admixtures, as long as they are added in later phase. Sikament [®] 340 is compatible with all kinds of cement responding to the UNI standards

Safety Measures:

Precaution	For further information and advices regarding safety rules, uses and storage of the chemical product users should refer to the latest Safety Data Sheet, in which are explained physical, toxicological and environmental information along with safety behaviours.
Ecology	Do not dispose unused product and empty packaging into the environment. See the latest Safety data Sheet for further information.

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 within their shelf life. 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 or can be accessed in the Internet under <https://eth.sika.com>



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