

Sika® Compaction Aid

Plasticizer and Compaction Aid Semi-Dry Concrete Admixture

Product Description Sika® Compaction Aid is a chloride free, allround compaction aid for semi-dry concrete.

Uses Sika® Compaction Aid is used as a plasticizer in the production of no-slump concrete with a very low moisture content, such as

- Pavers
- Kerbstones
- Edging
- Building Blocks
- Elements for garden and landscape design

Advantages Sika® Compaction Aid provides the following properties:

- Easy dispersing and covering of cement, additives and pigments
- Reduced friction between cement and aggregates
- Amelioration of compact-ability
- High early strength directly after compaction
- Considerably decreased quality fluctuations
- Very dense surface
- Increased concrete density
- High compressive and tensile strength
- Strong freeze-thaw resistance
- Improved durability

Test Standards Sika® Compaction Aid notified body according DIN EN 934

Product Data

Type Modified Polymers Dispersion.

Form Brown liquid

Packaging 250 Kg drums and 1000 Kg flow bins

Storage condition Store in a dry minimum area between 5°C and 35°C. Protect from direct sunlight

Shelf life 12 months minimum from date of production if stored properly in original unopened packaging

Technical Data

Density at 25°C 1.17 ± 0.005

pH 7.2 ± 0.05

Chloride content Nil (EN 934-2)

Construction



Application Details

Dosage	0.2 - 0.95% by weight of cement.
Dispensing	Sika® Compaction Aid can be added to the mixing water prior to its addition to the aggregates or at the end of the mixing process. In general a mixing time of 30 seconds should be guaranteed, although the needed mixing time after adding the admixture depends on the mixer. Before application, suitability tests must be performed.
Notes on Application Limits	Sika® Compaction Aid should not be used for wet cast concrete. This will lead to an undesired introduction of air pores and with this to a loss of strength.
Cleaning	Clean all equipment and tools with water immediately after use.
Safety	
Precautions	Accidental splashes to the skin must be washed off with water and Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay. Skin barrier cream, safety goggles and rubber gloves are recommended.
Ecology	Do not dispose of into water or soil but according to local regulations.
Toxicity	Non-toxic under the relevant Swiss health and safety codes.
Transportation	Non-hazardous.

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, substratum 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

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