

PRODUCT DATA SHEET

Sika® Stabilizer-290 VMC

Sand treatment additive for concrete

DESCRIPTION

Sika® Stabilizer-290 VMC is an innovative liquid additive designed to minimise the problems related to sand and fine materials with high absorption / clayey characteristics.

USES

The use of Sika® Stabilizer-290 VMC is recommended for the preparation of medium and high initial workability concrete and in particular when good retention of workability is required.

Sika® Stabilizer-290 VMC can be used in:

- Ready-mixed concrete
- Precast concrete
- Concrete produced at concrete mixing plant at site

Sika® Stabilizer-290 VMC must always be used in combination of water reduction additive from SikaPlast® or Sika® ViscoCrete® which available at the batching plant.

CHARACTERISTICS / ADVANTAGES

- Strong affinity to clay contamination present in concrete mixes
- Neutralize the harmful effect of the presence of clays
- Can be used in combination with Sika's water reducing admixture

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none">▪ 1000 L IBC tank▪ Bulk delivery
Shelf Life	12 months from date of production
Storage Conditions	Store the product at a temperature not lower than +5 °C. In case of freezing, heat the product to at least +30 °C and mix again.

APPLICATION INFORMATION

Recommended Dosage	<p>Sika® Stabilizer-290 VMC is generally used at a dosage ranging from 0.10 to 0.40 litres per 100 kg of binder, in rheoplastic concretes. Other dosages may be requested according to the specific characteristics of the sands used.</p> <p>Different dosages are possible in relation to the specific working conditions, and in any case after consulting the technical staff of Sika.</p>
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SYSTEM INFORMATION

Compatibility

Sika® Stabilizer-290 VMC is not compatible with the additives of the Sika-ment® Series.

BASIS OF PRODUCT DATA

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.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Sika® Stabilizer-290 VMC is a ready-to-use liquid that is introduced into the concrete mixer after the other components of the concrete have been loaded and mixed.

The addition of additive on dry aggregates or cement is not recommended because it decreases the fluidifying or water reduction effect.

To obtain the maximum fluidifying effect it is advisable to add the additive to the wet concrete (consistency S1) after having introduced 80–90 % of the mixing water and mixed the mixture well.

To maximize the effectiveness of Sika® Stabilizer-290 VMC, it is recommended to add it before the water reducing additive.

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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