

PRODUCT DATA SHEET

Sika® Stabilizer-165

Viscosity modifier for self-compacting concrete

DESCRIPTION

Sika® Stabilizer-165 is a viscosity modifier in powder form. It is used to reduce or prevent bleeding and segregation of self-compacting concrete. Source-related fluctuations e. g. in water content are compensated by the viscosity modifier.

USES

- Self-compacting concrete
- Self-levelling screeds
- pumpable grouts

CHARACTERISTICS / ADVANTAGES

Sika® Stabilizer-165 causes:

- Reducing water mobility
- Improve the addition of water to the solid parts of the concrete

This results in concrete:

- Lower sensitivity to fluctuations of the raw materials
- Homogeneous mixture
- Better processability
- Less bleeding
- Lower separation tendency
- Uniform concrete surfaces
- Better pumpability

APPROVALS / CERTIFICATES

Complies with EN 934-2: T4;

Contains only components in accordance with DIN EN 934-1, Annex A.1

In concrete with alkali sensitive aggregate applicable.

Meets the requirements of ZTV-ING.

Applicable in all EU countries

PRODUCT INFORMATION

Composition	Polyethylenoxid, Cellulose Ether
Packaging	25 kg-bag, 1000 kg per pallet shrink wrapped
Appearance / Colour	Light Grey powder
Shelf life	12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.
Storage conditions	Dry storage at temperatures up to 30°C. Protect from direct sunlight.
Total Chloride Ion Content	≤ 0.1 %
Equivalent Sodium Oxide	< 3.0 %

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October 2019, Version 01.01

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APPLICATION INFORMATION

Recommended Dosage	0.2 to 1.5% of cement or binder weight. Note: Preliminary testing is required to determine the exact dosage for specific applications and conditions. Please contact our Technical Services Department for any additional information and assistance.
Compatibility	Before use, an initial test according to DIN EN 206-1 / DIN 1045-2 is required
Dispensing	Sika® Stabilizer-165 is added to the aggregate, cement or dry mixture.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

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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SikaStabilizer-165-en-DE-(10-2019)-1-1.pdf

