

PRODUCT DATA SHEET

FG Compound ZS-61 SOE

TAILOR-MADE COMPOUND FOR CALCIUM SULPHATE FLOW SCREED

DESCRIPTION

FG Compound ZS-61 SOE is a powdery superplasticizer and accelerator compound, especially tailor-made for customers need.

USES

FG Compound ZS-61 SOE, formulated for applications in special anhydrite binder systems, is used in the dry mortar industry to produce flowable screeds.

- Dry mortar calcium sulphate flow screeds

CHARACTERISTICS / ADVANTAGES

FG Compound ZS-61 SOE works based on a combination of electrostatic forces and steric repulsion effects. Thus, solid particles can be dispersed effectively. The benefits include, but are not limited to, the following:

- Easy to handle in dry mortar plants
- Just one additive component to store
- High water reduction at low dosage
- Rapid strength development
- Very good flowability and self-levelling behaviour
- Long-term stability enables long slump life
- Good stabilizing effect
- Even surface quality
- Efficiency over a wide pH-range
- Free of formaldehyde and ammonia

PRODUCT INFORMATION

Composition	Modified polycarboxylate with additives
Packaging	1000 kg bigbags
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.
Appearance and colour	Greyish powder
Bulk density	Approx. 1.24 g/cm ³
pH-Value	Approx. 10 (10% suspension)

APPLICATION INFORMATION

Recommended dosage	Depending on the binder composition, the dosage of FG Compound ZS-61 SOE varies from 1.0 to 1.5 % on total dry weight.
Compatibility	FG Compound ZS-61 SOE may be combined with many other Sika® Products as well as with most existing accelerators, retarders and other additives used in dry-mortar applications. In combination i.e. with Sika®ViscoCrete® Powders improvements in flowability and retardation may be achieved. Important: Always conduct trials before combining products in specific mixes and contact our technical service for information about specific combinations with Sika products.

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.

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.

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.

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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