

PRODUCT DATA SHEET

Sikament® FF-86 Pulver Conc.

Powdered Superplasticizer based on Melamine Sulfonate

DESCRIPTION

Sikament® FF-86 Pulver Conc. is a powdered superplasticizer based on melamine sulfonate, used mainly in the dry mortar industry.

USES

- Superplasticizer used as a basic raw material mainly in cementitious dry mortar formulations
- For early high-strength cement-bound mortars such as grouting concrete and grouting mortar

CHARACTERISTICS / ADVANTAGES

- High early strength
- Water reduction of up to 20%
- Not containing any chlorides
- Slightly stabilizing effect
- No additional air-entrainment
- No or very less retardation

PRODUCT INFORMATION

Composition	Sodium salt of a sulfonic acid modified, melamine-formaldehyde polymer
Packaging	25 kg bag (1000 kg on pallet)
Appearance / Colour	Greyish - white powder
Shelf life	12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.
Storage conditions	Storage at temperatures between 10 °C and 30 °C. Protect from direct sunlight, frost and contamination.
Bulk density	Approx. 0.8 g/cm ³
Conventional dry material content	> 90%
Total chloride ion content	≤ 0.1 %
Equivalent sodium oxide	≤ 10.5 %

TECHNICAL INFORMATION

Specific advice	The chemical and physical composition of the components, concrete / mortar, Sikament® FF-86 Pulver Conc. as well as concrete / mortar and ambient temperature can affect the setting time of the concrete / mortar.
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APPLICATION INFORMATION

Recommended dosage	0.1 - 1% by weight of binder The actual dosage depends on the desired use and the desired water reduction. These has to be determined by preliminary tests.
Compatibility	Sikament® FF-86 Pulver Conc. may be combined with many other Sika products. Note: Always conduct trials before combining products in specific mixes and contact Sika technical service for more information and advice.
Dispensing	Sikament® FF-86 Pulver Conc. is added to the dry mix.

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

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.

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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