

PRODUCT DATA SHEET

Sikament[®]-1000 SP

Water reducing high range superplasticiser

DESCRIPTION

Formerly known as SUPRACHEM SP1000. Sikament[®]-1000 SP is a ready to use high range water reducing admixture formulated to produce high strength or high flow concrete.

USES

Sikament[®]-1000 SP is an efficient multipurpose superplasticiser that can be used on its own or combined with Sika[®] Plastocrete[®] retarding admixtures to achieve longer workability, improved concrete quality and faster concrete placement efficiency.

Its high water reduction properties is suitable for the following:

- Precast concrete
- Combined with Sika[®] Plastocrete[®] retarding admixtures for ready mix
- High early strength for early demolding / lifting, improved casting efficiency
- Cost optimisation - cement reduction / replacement, higher strength development

CHARACTERISTICS / ADVANTAGES

Sikament[®]-1000 SP is a powerful water reducing admixture with the following advantages:

- High early or high ultimate strengths
- Low water cement ratio
- High workability, plasticity and flow

PRODUCT INFORMATION

Packaging	1000 L IBC
Shelf Life	12 months from date of production
Storage Conditions	Store properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.

APPLICATION INFORMATION

Recommended Dosage	Medium workability	0.4–0.8 % by weight of cement
	High / flow workability	0.8–1.2 % by weight of cement

Compatibility

Sikament®-1000 SP may be combined with many other Sika products except the Sika® ViscoCrete® and Sika ViscoFlow® range.

Important: Always conduct trials before combining products in specific mixes to determine the correct dosage of admixture required to achieve the desired fresh and hardened concrete properties.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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