

PRODUCT DATA SHEET

Sika AS Superplasticiser-71

ANHYDRITE SCREED ADMIXTURE

PRODUCT DESCRIPTION

Sika AS Superplasticiser-71 is a powdered HRWR/Superplasticiser which is suitable for all calcium sulphate binders.

USES

Sika AS Superplasticiser-71 is a unique product that is suitable for the production of Anhydrite/Calcium sulphate based products.

CHARACTERISTICS / ADVANTAGES

- High range water reductions resulting in higher strengths and densities
- Improved cohesion properties
- Improved early and ultimate strengths
- Improved rheology
- Reduced segregation and bleeding
- Reduced drying shrinkage
- Reduced surface laitance

PRODUCT INFORMATION

Chemical Base	Modified Polycarboxylate in inert filler base
Packaging	1000kg bags & bulk tanker
Appearance / Colour	White powder
Shelf Life	12 months from date of production if stored in unopened and undamaged original sealed containers.
Storage Conditions	Protect from moisture at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Bulk Density	1.25kg/litre (approx)
Total Chloride Ion Content	<0.1% (chloride free)
Equivalent Sodium Oxide	<0.2%
Recommended Dosage	0.25 – 1.5% by weight of binder
Dispensing	Sika AS Superplasticiser-71 should be dispensed through suitable calibrated dosing equipment.

VALUE BASE

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

REGULATION (EC) NO 1907/2006 - REACH

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

APPLICATION METHOD / TOOLS

The standard rules of good anhydrite screed practice, concerning production as well as placing and curing, are to be followed. Refer to relevant standards.

Sika® AS Superplasticiser should be pre blended with the anhydrite/calcium sulphate and fully dispersed to ensure optimum performance levels.

NOTES ON APPLICATION / LIMITATIONS

When using Sika® AS Superplasticiser a suitable mix design is required and local materials sources should be evaluated.

Support from our Technical Department is available on request

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



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