

# PRODUCT DATA SHEET

## SikaGrout® Fluidifier

DRY POWDER, PLASTICISING ADMIXTURE

### DESCRIPTION

SikaGrout® Fluidifier is a dual component, powder admixture formulated to achieve mild plasticising effect with slight extended set time for general purpose grouts and mortars.

### USES

SikaGrout® Fluidifier is suitable for:

- Lean sanded grouts to fill voids and support.
- Grouting where load bearing is not required.
- Pre-placed aggregates.
- Grouts requiring pumping into hard to reach places.
- Cement or Cement/fly ash for rock grouting or soil stabilisation.

### CHARACTERISTICS / ADVANTAGES

- Lubricates the grout mix.
- Extends holding time and penetration at the point of use.
- Ensures complete filling of the grouting space.
- Reduces pumping pressure by lowering viscosity of grout mix.
- At higher temperatures, normal setting can be experienced.

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Packaging</b>           | 5 kg degradable bag   |
| <b>Appearance / Colour</b> | Grey powder   |
| <b>Shelf life</b>          | Shelf life is at least 24 months. Depending on storage conditions the shelf life may be higher than stated. Please check with your Sika representative for a shelf life exceeded product. |
| <b>Storage conditions</b>  | Storage at temperatures between 5°C and 35°C in unopened original containers, protected from direct sunlight and frost.   |

### APPLICATION INFORMATION

|                           |   |
|---------------------------|---|
| <b>Recommended Dosage</b> | Typical dosage is 5 kg/m <sup>3</sup> (i.e 1 bag/cubic metre) for general-purpose grout. An increase in dose rate is permissible for increased fluidity within specified limits for various combinations of materials or brands of cement. Laboratory and field trials are essential in determining the optimum dosage. |
| <b>Compatibility</b>      | Please check compatibility when using with other admixtures. For additional information, please contact your local Sika Representative.   |

## Dispensing

To achieve a good technical performance of the product, "thorough mixing to dissolve the bag is essential". This can be achieved by either:

1. Introducing and premixing the product with initial gauging water at high revolutions of the mixer drum for 60-90 seconds and then adding other mix constituents.
2. Or add SikaGrout® Fluidifier before batching the grout. The batching sequence should allow for a portion of sand (approximately 20%) to be added and mixed for 30-60 seconds to assist the dispersion of the product. Batching can then proceed as "normal".

## IMPORTANT CONSIDERATIONS

When using SikaGrout Fluidifier setting time will depend on site conditions. This should be checked and predetermined with trial mixes.

## 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.

## LOCAL RESTRICTIONS

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

## 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.

## 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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