

SikaGrout[®] Fluidifier

Dry Powder, Plasticising admixture

Construction

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: <ul style="list-style-type: none"> • 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.
Advantages	<ul style="list-style-type: none"> • 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.
Storage and Shelf life	Stored at temperatures between 5°C and 35°C in unopened original containers, protected from direct sunlight and frost, shelf life is at least six (6) 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.
Instructions for Use	
Dosage	Typical dosage is 5 kg/m ³ (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.
Mixing	To achieve a good technical performance of the product, “thorough mixing to dissolve the bag is essential” . This can be achieved by either: <ol style="list-style-type: none"> 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. <p style="text-align: center;">or</p> <ol style="list-style-type: none"> 2. Add Sika Grout 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”.

Technical and Physical Data

Form	Powder
Colour	Grey
Chloride Content	No added chlorides
TEA Content	Does not contain triethanolamine
Air Entrainment	No increase in air entrainment when used at nominal dose rate.
Packaging	5 kg degradable bag

Important Note

- When using SikaGrout Fluidifier setting time will depend on site conditions. This should be checked and predetermined with trial mixes.
- Please check compatibility when using with other admixtures.
- For additional information, please contact your local Sika Representative.

Handling Precautions

- Avoid contact with eyes and skin.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention immediately.
- A full Material Safety Data Sheet is available from Sika on request.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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