

## PRODUCT DATA SHEET

## SikaGrout®-9000

(formerly MFlow 9000 LUB)

Specialized lubrication mix

## DESCRIPTION

SikaGrout®-9000 is a specialized lubrication mix to ease the installation of SikaGrout®-9000 series.

## USES

SikaGrout®-9000 has been especially formulated for lubricating installation equipment used in large scale, pump applications of the SikaGrout®-9000 series of grouts.

Contact the Technical Department of your local Sika office regarding any application required not mentioned here.

## FEATURES

- Excellent lubricating properties.
- Long working time.
- Final strength similar to SikaGrout®-9000 series of products
- Available in special, watertight big bags for large scale application.

## PRODUCT INFORMATION

Packaging	SikaGrout®-9000 is supplied in 15 kg bags and 400 kg special big bags.	
Shelf life	24 months from date of production	
Storage conditions	Product must be stored in original, unopened and undamaged sealed packaging in dry conditions.	
Density	Approximately 2.2 gr/cm <sup>3</sup>	(DIN 18555-2)

## TECHNICAL INFORMATION

Compressive strength	Age	N/mm <sup>2</sup>	(75 mm cubes - EN12390-3)
	1 day	≥ 70	
	7 days	≥ 90	
	28 days	≥ 110	
	Exposure classes:		(EN 206-1, DIN 1045-2)
XO, XC4, SD3, XS2, XS3, XF3, XA1, WA			

## APPLICATION INFORMATION

Consumption	1000 kg powder will yield approximately 520 litre of mixed SikaGrout®-9000.
Material temperature	+2 °C min. / +30 °C max.

<b>Ambient air temperature</b>	+2 °C min. / +30 °C max.
<b>Mixing ratio</b>	Approximately 150 to 180 litres / 1000 kg powder
<b>Substrate temperature</b>	+2 °C min. / +30 °C max.
<b>Pot Life</b>	Approximately 2 hours

## 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.

## FURTHER DOCUMENTATION

Sika Method Statement: SikaGrout®-9000

## 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.

## APPLICATION INSTRUCTIONS

### NOTES ON INSTALLATION

- Sands or other products that could affect the products properties must not be added.
- The material may only be mixed with drinking water.
- The information in the table below is for information only, as the material typically does not contribute to the structural integrity of the structure and the grouted connection in particular.

## MAINTENANCE INSTRUCTIONS

### CLEANING

Tools and spillages can be cleaned with water while SikaGrout®-9000 is still uncured. Once hardened, the material can only be removed mechanically.

## 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 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.

SikaGrout-9000-en-BE-(09-2024)-2-1.pdf

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September 2024, Version 02.01

020201010010000543