

# PRODUCT DATA SHEET

## Sika® iFlow-1

Dispersing admixture for injection grout

### DESCRIPTION

Sika® iFlow-1 is an effective dispersing admixture for injection grout.

### USES

Sika® iFlow-1 can be used together with Sika® iAcc-1 which is a setting time regulator for Injection grout.

### CHARACTERISTICS / ADVANTAGES

Sika® iFlow-1 disperses the cement particles in injection grouts and prevents flocculation between the fine cement particles ( $\leq 30 \mu\text{m}$ ).

### APPROVALS / CERTIFICATES

The product conforms to EN934-2 as an HRWR. CE certificate no: 2605-CPR-704.

### PRODUCT INFORMATION

|                                   |   |
|-----------------------------------|---|
| <b>Packaging</b>                  | Can 20 L, drum 200 L and tanker truck.<br>Please contact our customer service, for information of what packaging sizes are sold in Denmark. |
| <b>Colour</b>                     | Light brown, liquid   |
| <b>Shelf life</b>                 | Min 9 months from date of production  |
| <b>Storage conditions</b>         | Stored in closed container, in unopened original packaging and protected from frost.  |
| <b>Density</b>                    | $1,09 \pm 0,02 \text{ kg/dm}^3$   |
| <b>pH-Value</b>                   | $5 \pm 1$   |
| <b>Total chloride ion content</b> | $< 0,10 \%$   |
| <b>Viscosity</b>                  | Fluid   |

### APPLICATION INSTRUCTIONS

- Recommended dosage is approx. 0,3-0,5 % by weight of cement, depending on type of cement and composition of the injection grout. Overdosage may cause a small retardation.
- Take into consideration the density and dry content ( $40 \pm 1 \%$  by weight) at dosage.

### APPLICATION METHOD / TOOLS

Before application, suitability test must be performed with the current materials for the injection grout and conditions, to verify that the required properties are obtained.

### CLEANING OF EQUIPMENT

Clean equipment with water

#### PRODUCT DATA SHEET

Sika® iFlow-1

September 2020, Version 03.01

020707052700000007

## FURTHER INFORMATION

- Dry content  $40 \pm 1$  % by weight
- Equivalent Sodium Oxide as %  $\text{Na}_2\text{O} < 1,0$  %
- Use plastic, glass fiber or stainless steel containers when storing Sika® iFlow-1.
- The impact of this admixture may vary depending on type of cement used.

## 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 containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S  
Hirsemarken 5  
3520 Farum  
Tlf. +45 48 18 85 85  
www.sika.dk



PRODUCT DATA SHEET  
Sika® iFlow-1  
September 2020, Version 03.01  
02070705270000007

SikaiFlow-1-en-DK-(09-2020)-3-1.pdf