

Sika® iFlow-1

Dispersing admixture for injection grout

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| Product Description | Sika® iFlow-1 is an effective dispersing admixture for injection grout. The product conforms to EN934-2 as an HRWR. CE certificate no: 2605-CPR-704. CE marked according to EN934-2. |
| Uses | Sika® iFlow-1 disperses the cement particles in injection grouts and prevents flocculation between the fine cement particles ($\leq 30 \mu\text{m}$). Sika® iFlow-1 can be used together with Sika® iAcc-1 which is a setting time regulator for Injection grout. |
| Product Data | |
| Appearance & Colour | Light brown, liquid |
| Packaging | Can 20 L, drum 200 L, IBC 1000 L and tanker truck. |
| Storage Conditions | Stored in closed container, unopened original packaging, protected from frost. |
| Shelf-life | Min 9 months from date of production |
| Technical Data | |
| Density | 1,09 ± 0,02 kg/dm³ |
| pH Value | 5 ± 1 |
| Total Chloride Ion Content % w/w | <0,10 % |
| Equivalent Sodium Oxide as % Na₂O | <1,0 % |
| Corrosion Behaviour | Not relevant when used as instructed |
| Dry content | 40 ± 1 % |
| Viscosity | Fluid |
| Dosage | Approx. 0,3-0,5 % by weight of cement |
| Production plant | Sika Sverige AB Domnarvsgatan 15 SE-163 08 Spånga SWEDEN |
| Dangerous substances | See separate Safety Data Sheet |
| Application Instructions | <ul style="list-style-type: none"> ■ Take into consideration the density and dry content at dosage. ■ 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. ■ The impact of this admixture may vary depending on type of cement used. ■ Before application, suitability test must be performed with the current materials in the injection grout to verify that the required properties are obtained. ■ Use plastic, glass fiber or stainless steel containers when storing Sika® iFlow-1. |
| Health and Safety Information | See separate Safety Data Sheet. |
| 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 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 to our current terms of sale and delivery. 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. www.sika.se . |



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