

## PRODUCT DATA SHEET

## Sika® Einpresshilfe EH-1

PRESS-IN AID FOR THE PRODUCTION OF INJECTION GROUT MORTAR IN ACCORDANCE WITH DIN EN 445 - 447



## DESCRIPTION

Additive in powder form for the production of injection grout mortars, technical grouts as dry mortar or as construction site mixture.

## USES

- For the manufacture of grout for pre-stressed elements in accordance with DIN EN 445 - 447
- For grouting in and filling cavities in concrete, masonry or rock
- For anchoring in ground, tunnel and mining

## FEATURES

- Flowable consistency
- Expansion pressure, thereby complete filling of the cavities
- Complete coating of the pre-stressed steels
- Lower water demand
- Better dispersion of the cement
- Introduction of smallest micro-pores
- No water segregation
- Sufficient workability times

## CERTIFICATES AND TEST REPORTS

Complies with EN 934-4;  
DoP-No. 11892884; Plant-No.1180  
Contains only components according to DIN EN 934-1: 2008, Annex A.1 Applicable in all EU countries.

## PRODUCT INFORMATION

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Composition                | Aluminium powder additive mix                    |
| Packaging                  | 15 kg bags, 40 bags/pal; Box: 40 bags à 0.5 kg   |
| Appearance and colour      | Powder / Light brown                             |
| Shelf life                 | Minimum 18 month shelf life in sealed packaging. |
| Storage conditions         | Store as dry and air sealed.                     |
| Total chloride ion content | ≤ 0.10 %                                         |

## APPLICATION INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended dosage</b> | 0.2 - 1.2 % of the cement weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Consumption</b>        | <p>For dry mortar application, the addition is made in the dry mix.<br/>Indicative recipe for approx. 36 l site mix grout:<br/>50 kg CEM I 42.5 R, 20 l water, 500 g Sika® Einpresshilfe EH-1 (1 small bag)<br/>Sika® Einpresshilfe EH-1 is either mixed in with the cement in the rotating mixer or mixed in as last.<br/>Uniform mixing of the grout must be guaranteed with the appropriate mixing intensity and mixing time.<br/>A suitability test according to DIN EN 445 is required before utilisation.</p> |

## 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.

## 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.

## 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 the 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.

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