

# PRODUCT DATA SHEET

## Sika<sup>®</sup>-2

Waterproofing admixture for extra quick setting of cement

### DESCRIPTION

Sika<sup>®</sup>-2 is an extra quick setting, liquid waterproofing admixture that causes almost immediate setting and very rapid hardening of Ordinary Portland Cement.

### USES

To quickly seal cracks, fissures and holes in concrete, rock or masonry where there is water infiltration in:

- Tunnels
- Subways
- Basements
- Cellars
- Pits
- Vaults
- Walls

### CHARACTERISTICS / ADVANTAGES

- Does not require diluting
- Rapid setting
- Just mix with Ordinary Portland Cement
- Does not contain chlorides

### PRODUCT INFORMATION

|                     |  |
|---------------------|--|
| Composition         | Blend of inorganic chemicals   |
| Packaging           | Container  |
| Shelf life          | 12 months from date of production  |
| Storage conditions  | The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. |
| Appearance / Colour | Red liquid   |
| Density             | ~1,25 kg/l   |
| pH-Value            | ~12  |

### SYSTEMS

|                  |  |
|------------------|--|
| System structure | Sika <sup>®</sup> -2 can be used as a system with surface rendering mortars. Contact Sika Technical Services for additional information. |
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### APPLICATION INFORMATION

**Consumption** ~0,7 L per 1 kg of cement

**Substrate temperature** +5 °C min. / +30 °C max.

## 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.

## IMPORTANT CONSIDERATIONS

- Do not dilute
- Very strong leaks may need controlling using discharge points before the plug can be placed
- Working and hardening times are affected by temperatures, source and age of the Ordinary Portland Cement. It is recommended to make an initial pre-trial.

## 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.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

The substrate shall be clean, free of contamination, loose particles and dust.

### MIXING

Use 1 part Sika®-2 to 2 parts of Ordinary Portland Cement. Place Sika®-2 into a suitable clean mixing bowl and add the Ordinary Portland Cement. Stir quickly into a paste for a few seconds.

### APPLICATION METHOD / TOOLS

Mould the paste with a gloved hand into a plug and place immediately into the crack, fissure or hole pressing firmly for ~15 seconds until the mix has hardened. It is recommended to only mix sufficient material that can be placed immediately.

### CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material may only be removed mechanically.

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## 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.

## 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.

#### Product Data Sheet

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