

PRODUCT DATA SHEET

Sika[®]-2

Waterproofing admixture for extra quick setting of cement

DESCRIPTION

Sika[®]-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

Chemical Base	Blend of inorganic chemicals
Packaging	1ltr, 5ltr and 200ltr containers
Appearance / Colour	Red liquid
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.
Density	~1.25 kg/litre
pH-Value	~12

SYSTEM INFORMATION

System Structure

Sika®-2 can be used as a system with surface rendering mortars. For more information contact your local Sika for support.

APPLICATION INFORMATION

Consumption

~0.5 -0.7 litres 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.

LIMITATIONS

- Do not dilute
- Very strong leaks may need controlling 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 cleaned, 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.

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CLEANING OF TOOLS

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

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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