

Product Data Sheet
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Sika®-2

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Extra quick setting waterproofing admixture

Product Description

Sika®-2 is an extra quick setting, liquid waterproofing admixture that causes almost immediate setting and very rapid hardening of Portland cement

Uses

Sika®-2 is used to seal severe water infiltrations in concrete, rock and masonry. Sika®-2 can be used in conjunction with the Sika®-1 RENDER SYSTEM. The addition of undiluted Sika®-2 to fresh Portland cement gives an initial setting time of between 15 and 20 seconds.

Characteristics / Advantages

- Easy to use
- Rapid, instantaneous plugging of water infiltration
- Chloride free

Product Data

Form

Appearance / Colour Liquid Red

Packaging 1, 5, 25 and 200 litre containers

Storage

Storage Conditions / Shelf-Life 12 months in original, unopened container. Store in a dry area between 5°C and 30°C. Protect from direct sunlight.

Construction



Technical Data

Density ±1,30 kg/litre

pH Value 11

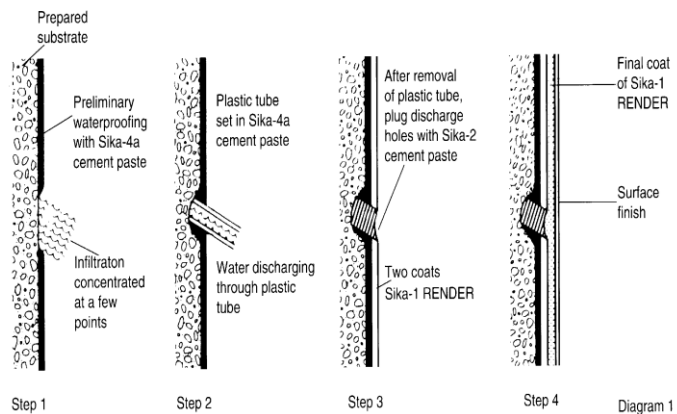
Application Details

Consumption / Dosage 10 to 20 litres per 50kg of Portland cement.

Substrate Preparation / Priming The cavities and fissures to be sealed may have to be enlarged to provide a sufficient bonding area.

All substrates must be clean, sound and properly cured. Remove all loosely adhering materials.

Use Sika®-4a to seal off extensive areas whilst still allowing the water to infiltrate as shown in Diagram 1.



Application Conditions / Limitations

Substrate Temperature Min. 5°C – max. 30°C.

Ambient Temperature Min. 5°C – max. 35°C.

Application Instructions

Mixing (Ratio/Dosage) Ensure that Sika®-2 is thoroughly mixed prior to use.

Add approximately one (1) part by volume of Sika®-2 to two (2) parts by volume of fresh Portland cement in a suitable container. Mix rapidly (i.e. for a few seconds) and thoroughly until a smooth homogeneous paste is formed.

Use immediately.

Only mix sufficient material that can be readily used before initial set has occurred.

Application Method / Tools

Form the paste, by gloved hand, into a tapered plug and place it immediately into the hole, pressing it firmly for 15 to 20 seconds until initial set has occurred.

Cleaning of Tools

Remove uncured material from tools and equipment with water. Cured material can only be removed mechanically.

Notes on Application / Limits

Only use fresh Portland cement.

Do not dilute Sika®-2 prior to use

Sika®-2 plugs must always be protected with a waterproof layer of Sika®-1 Render System.

Curing Details

Curing Treatment Good concrete curing practise is recommended.

Value Base	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 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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
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Sika South Africa (Pty) Ltd
9 Hocking Place,
Westmead, 3608
South Africa

E-mail: headoffice@za.sika.com
Phone +27 31 792 6500
Telefax +27 31 700 1760
www.sika.co.za

