

PRODUCT DATA SHEET

Sika MonoTop[®]-108 Water Plug

Rapid setting mortar

PRODUCT DESCRIPTION

Sika MonoTop[®]-108 Water Plug is a rapid-setting cement mortar for plugging water leaks in concrete and masonry walls.

USES

- Instant plugging of negative pressure water inlet through cracks, gravel niches and casting joints
- Instant plugging of drained water outlets, during waterproofing treatments.

CHARACTERISTICS / ADVANTAGES

- Rapid setting to avoid washout even in the presence of running water
- Hardens within ~60–80 seconds (at 20 °C)

PRODUCT INFORMATION

Chemical Base	Rapid-setting cement powder
Packaging	5 kg aluminium bag packed in a cardboard box containing 4 units
Appearance / Colour	Grey powder
Shelf Life	15 months
Storage Conditions	Store properly in undamaged original sealed packaging, in dry cool conditions.
Density	Bulk density: ~1.1 kg/l

APPLICATION INFORMATION

Mixing Ratio	1.25–1.40 liter of water per 5 kg bag	
Ambient Air Temperature	+5 °C minimum / +30 °C maximum	
Substrate Temperature	+5 °C minimum / +30 °C maximum	
Initial set time	Temperature	Initial Set Time
	+5 °C	~120 seconds
	+20 °C	~60 seconds

Final set time**Temperature****Final Set Time**

+5 °C

~210 seconds

+20 °C

~80 seconds

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- After setting, the product can no longer be worked
- Only mix an amount of material which can be applied within a few seconds
- Low temperatures cause setting times to be slightly delayed, high temperatures shorten the setting time
- Use Sika MonoTop®-108 Water Plug only in presence of water leakages. For concrete repair purposes, use a suitable product from the SikaTop® or Sika MonoTop® range.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The infiltrations (cracks, gravel niches, casting joints, drainage points) shall be widened and deepened by chiselling in order to create a suitable surface to enhance the adhesion.

MIXING

By hand, rapidly mix mortar and water in a quantity that is adequate to produce a plug to be applied in a few seconds. Protect hands with rubber gloves. The setting time will change by varying the amount of water.

APPLICATION

Continue to massage the mix for a few seconds until it begins to set, then apply immediately. Press the mortar into the infiltration and maintain adequate pressure for several seconds until the setting has taken effect. Eliminate excess material by scrapping it away with a spatula after the setting is complete.

CLEANING OF TOOLS

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

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.

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @Sikalreland



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