

## PRODUCT DATA SHEET

# Sika MonoTop®-108 Water Plug

Rapid setting leak stopping mortar

### DESCRIPTION

Sika MonoTop®-108 Water Plug is a rapid-setting, waterproof cement mortar for stopping water leaks in concrete and masonry walls.

### USES

- To Instantly seal negative water pressure leaks through cracks, gravel pockets and casting joints
- Instant sealing of water drainage outlets during waterproofing treatments

### CHARACTERISTICS / ADVANTAGES

- Rapid setting prevents washout in the presence of running water
- Hardens within ~60–80 seconds (+20 °C)
- Ready to use, just add water

### PRODUCT INFORMATION

<b>Composition</b>	Rapid-setting cement powder
<b>Packaging</b>	5 kg bags. 4 bags per box.
<b>Shelf life</b>	15 months from date of production
<b>Storage conditions</b>	Product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.
<b>Appearance and colour</b>	Grey powder
<b>Density</b>	Bulk density: ~1,1 kg/l

### APPLICATION INFORMATION

<b>Mixing ratio</b>	1,25–1,40 L of water for a 5 kg bag						
<b>Ambient air temperature</b>	+5 °C min. / +30 °C max.						
<b>Substrate temperature</b>	+5 °C min. / +30 °C max.						
<b>Initial set time</b>	Note: Setting times will be affected by ambient, substrate, water and product temperatures. Note: Setting times can be changed by varying the amount of water.						
	<table border="1"> <thead> <tr> <th><b>Temperature</b></th> <th><b>Initial Set Time</b></th> </tr> </thead> <tbody> <tr> <td>+5 °C</td> <td>~120 seconds</td> </tr> <tr> <td>+20 °C</td> <td>~60 seconds</td> </tr> </tbody> </table>	<b>Temperature</b>	<b>Initial Set Time</b>	+5 °C	~120 seconds	+20 °C	~60 seconds
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## Final set time

Note: Setting times will be affected by ambient, substrate, water and product temperatures.

Note: Setting times can be changed by varying the amount of water.

Temperature	Final Set Time
+5 °C	~210 seconds
+20 °C	~80 seconds

## 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.

## FURTHER INFORMATION

- Sika MonoTop®-108 Water Plug YouTube video

## IMPORTANT CONSIDERATIONS

- After setting, the product is no longer useable.
- 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 product only for sealing water leaks. For concrete repair purposes, use a suitable product from the SikaTop® or Sika MonoTop® range.
- Where high water pressures are experienced, the prepared area may need to be increased to provide a larger surface area for bonding and allow a greater quantity of mortar to be applied.
- Preliminary trials are recommended before the final leak sealing application to assess the water quantity required in the mix and the setting times.

## 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

Widen and deepen the leakage area using a chisel to allow a small amount of product to be packed into the void and optimise the bond to the substrate.

### MIXING

1. Pour a small amount of clean water in a suitable mixing container.
2. Add a small amount of powder to the water.
3. Stir the mix together quickly with a trowel or spatula to form a mortar which can be applied before the initial setting time.

### APPLICATION

1. Mould the mortar by gloved hand for a few seconds into a plug.
2. Apply immediately into the prepared void pressing firmly until the mortar has set.
3. Remove excess material from the substrate by scraping it away with a spatula or trowel after the sealing is complete.
4. Depending on the setting time, a wet sponge can be used to smooth the surface of the plug.

### CLEANING OF EQUIPMENT

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

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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

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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