

## PRODUCT DATA SHEET

# Sika MonoTop®-102 Water Plug TH

### FAST SETTING COMPOUND FOR STOPPING WATER LEAKS

#### DESCRIPTION

Sika MonoTop®-102 Water Plug TH is a chloride free, ready for use powder. When mixed with water, it becomes a powerful, fast-setting permanent waterplug.

#### USES

To stop water leaks through rock and concrete, as well as through joints between concrete and steel (bolt surroundings, ducts, sheetpiles etc.) in subways, culverts, tunnels, dams, basements, pools.

#### CHARACTERISTICS / ADVANTAGES

- Easy to use, easy to mix, just add water
- No special equipment required
- Very fast setting with rapid strength development
- Permanent
- Good adhesion to concrete substrate
- Remarkable water-stopping power and hydraulic resistance
- No cracking, practically no shrinkage
- No corrosion

#### PRODUCT INFORMATION

<b>Packaging</b>	1 kg, 4.5 kg/can 5 kg, 15 kg, 25 kg/bag
<b>Appearance / Colour</b>	Grey powder
<b>Shelf life</b>	9 months from the date of production if stored properly in undamaged, original, sealed packaging.
<b>Storage conditions</b>	Store in dry condition, protect from direct sunlight.
<b>Density</b>	1.99 kg/L
<b>Compressive strength</b>	30 MPa at 7 days (ASTM C109)

#### APPLICATION INFORMATION

<b>Mixing ratio</b>	Sika MonoTop®-102 Water Plug TH : water = 1 kg : 0.2 ltr. (by weight)
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## 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

1. It is recommended to prepare Sika MonoTop®-102 Water Plug TH in small quantities at a time. If mixed in large amounts, hardening may have occurred before it is completely used.
2. Do not mix Sika MonoTop®-102 Water Plug TH with other admixtures, cements or sand.
3. Sika MonoTop®-102 Water Plug TH is hygroscopic. Seal unused quantity immediately in original container.
4. Sika MonoTop®-102 Water Plug TH is alkaline. Use rubber gloves when working with Sika MonoTop®-102 Water Plug TH. If Sika MonoTop®-102 Water Plug TH gets into eyes, clean out immediately with fresh water.

## 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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### APPLICATION

- Cut concrete or rock in "V" shape around the leaking point.
- Remove all chippings, unsound and loose particles and clean surface with water prior to application of Sika MonoTop®-102 Water Plug TH.
- Fill prepare Sika MonoTop®-102 Water Plug TH into the V-shaped cut, starting outside and work towards the center of the leak (plug minor leaks first).
- Hold material in place, and then strike off flush with surface.

**If water pressure is very high, It is recommended to use wooden add to plug first**, which is then covered and secured with Sika MonoTop®-102 Water Plug TH.

## 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.

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