

## PRODUCT DATA SHEET

# Sika MonoTop®-102 HK

Fast setting cement-based water stop mortar

## DESCRIPTION

Sika MonoTop®-102 HK is a rapid-reacting, cementitious mortar designed specifically for plugging leaking cracks or holes in concrete or masonry substrates. Sika MonoTop®-102 HK is simply mixed with clean water at site and reacts within seconds of mixing to form a durable, high early strength repair mortar.

## USES

- Static cracks and holes with moisture or water leakage
- Foundations
- Sewers
- Diaphragm walls
- Basements
- Retaining walls
- Above or below grade

## CHARACTERISTICS / ADVANTAGES

- Develops high early strengths within seconds of mixing
- Durable
- Single pack
- Non toxic
- Economic
- Non metallic
- Low VOC

## PRODUCT INFORMATION

|                     |                                                           |             |
|---------------------|-----------------------------------------------------------|-------------|
| Product Declaration | Reaction Time                                             | 1-2 minutes |
| Packaging           | 20 kg per pack (5kg/bag x 4 bags per pack)                |             |
| Shelf Life          | 6 months from the date of production                      |             |
| Storage Conditions  | Store in unopened containers in dry warehouse conditions. |             |
| Appearance / Colour | Grey Powder                                               |             |

## TECHNICAL INFORMATION

|                      |           |                     |
|----------------------|-----------|---------------------|
| Compressive Strength | 3.2 MPa   | 5min cube strength  |
|                      | 6.88 MPa  | 15min cube strength |
|                      | 12.9 MPa  | 60min cube strength |
|                      | 14.45 MPa | 5h cube strength    |
|                      | 22.59 MPa | 1d cube strength    |
|                      | 24.79MPa  | 28d cube strength   |

## 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.

## 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 (MSDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### MIXING

Place the desired amount of Sika MonoTop®-102 HK powder into a clean bucket and add enough water so as to form a putty like consistency. Hand mix the Sika MonoTop®-102 HK until it starts to become warm and then transfer the material to the hand or trowel.

### APPLICATION

Cut out the crack or hole leaving either a square or undercut edge. Flush away any loose debris and dirt with clean water. Just as the Sika MonoTop®-102 HK becomes warm, force the Sika MonoTop®-102 HK mortar into the crack or hole keeping pressure on the mortar until set has occurred. Keep the Sika MonoTop®-102 HK mortar damp for at least 10-15 minutes.

## 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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