

# PRODUCT DATA SHEET

## Sika® Hydroplug

READY TO USE, QUICK SETTING MORTAR FOR PLUGGING WATER LEAKAGE INSTANTLY

### DESCRIPTION

Sika® Hydroplug is a cementitious quick setting powder, which on reacting with water forms a mortar that instantly plugs water leakages

### USES

- It is used as a rapid setting plugging and patching mortar for instant repair of leakages in concrete /masonry structures in combination with water
- It is used as a plugging mortar for fixing nozzle /grouting ports during grouting operations
- For arresting instant water seepages during water-proofing of water tanks, basements and sunken pits etc.

### CHARACTERISTICS / ADVANTAGES

- Requires only water for quick setting
- Setting and strength development is quick to prevent washing away of mortar by running water.
- Prevents water loss
- Non – toxic and chloride free.
- Thermal co-efficient is similar to concrete

### PRODUCT INFORMATION

Chemical Base	Cement and special additives
Packaging	1 kg
Appearance / Colour	Grey lump free powder
Shelf Life	6 months from date of production if stored as per recommendation.
Storage Conditions	Store in undamaged and unopened, original sealed packaging, in dry conditions and protected from direct sunlight. Protect from moisture/frost
Density	0.95 kg/l

### APPLICATION INFORMATION

Mixing Ratio	Sika® Hydroplug to be poured in potable water in the ratio of Sika® Hydroplug : Water = 1: 0.3 by weight (approximately 300 g of water is required per pack of 1kg of Sika® Hydroplug) while stirring continuously to form stiff consistency.
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## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Leaking aperture to be cut in dove-tail fashion. Area of application to be cleaned mechanically to make it free from loosely adhering particles, laitance, oil, grease etc

### APPLICATION

The putty to be applied within 1 minute by hand (protected by gloves) or trowel in leakage area with pressure. Pressure to be kept for 3 / 4 minutes. In case, part of putty is washed away, repeat the application till leakage stops fully. In case of excessive water pressure, drill holes around main leakage point to reduce water pressure and attack main leakage point first, subsequently seal/patch other holes.

### FURTHER DOCUMENTS

Sika® Hydroplug sets very quickly (with in 3 minutes at 27 °C) prepare only required quantity for immediate application. Avoid skin contact and preferably use rubber gloves.

### 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.

### 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.

## 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.

### 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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