

## Sika Plug®

### Fast-Setting, Portland-Cement Water-Stopper

|   |   |                       |
|---|---|-----------------------|
| <b>Product Description</b>                        | Sika Plug® is a versatile, fast-setting, Portland-cement water-stop.  |                       |
| <b>Uses</b>                                       | <ul style="list-style-type: none"> <li>■ When mixed with water it becomes a mortar/grout to stop pressure leakage and seepage.</li> <li>■ For grouting railings of wood, concrete, and metal.</li> <li>■ Use in sewers, wastewater treatment plants, basements, sumps, pools, tunnels, and other applications.</li> </ul> |                       |
| <b>Advantages</b>                                 | <ul style="list-style-type: none"> <li>■ Rapid set time.</li> <li>■ Excellent bond to concrete and masonry.</li> <li>■ Resists sewage.</li> <li>■ Use on the vertical or horizontal.</li> <li>■ Indoor or outdoor applications</li> </ul>   |                       |
| <b>Product Data</b>                               |   |                       |
| <b>Colour</b>                                     | Concrete gray.  |                       |
| <b>Packaging</b>                                  | 1 Kg, 5 Kg and 25 Kg  |                       |
| <b>Storage Conditions</b>                         | Store in dry conditions away from any source of moisture  |                       |
| <b>Shelf Life</b>                                 | 12 months in original, unopened containers.   |                       |
| <b>Technical Data</b>                             |   |                       |
| <b>Density</b>                                    | 1.7 Kg/m <sup>3</sup>   |                       |
| <b>Setting Time (Initial Set)</b><br>(ASTM C-266) | Approx. 60-90 seconds.  |                       |
| <b>Compressive Strength</b><br>(ASTM C-109)       | 3 hrs   | 9 N/mm <sup>2</sup>   |
|   | 1 day   | 25 N/mm <sup>2</sup>  |
|   | 7 days  | 45 N/mm <sup>2</sup>  |
|   | 28 days   | 55 N/mm <sup>2</sup>  |
| <b>Tensile Strength</b><br>(ASTM C-496)           | 28 days   | 3.5 N/mm <sup>2</sup> |
| <b>Flexural Strength</b>                          | 28 days   | 10 N/mm <sup>2</sup>  |



## Application

### Surface Preparation

Chip away soft, deteriorated, unsound substrate. Clean cavity completely. Lightly dampen the substrate just prior to application if necessary.

### Mixing

Mix with clean water to obtain desired consistency. Do not over-mix. Do not over-wet. Do not re-temper. Mix ratio water: powder is 1:4.

### Application

Plug minor leaks first working from the edges. Place Sika Plug<sup>®</sup> firmly into the crack or hole. For large openings, form compound into a carrot shape, and when plug is firm, ram it into cavity. Hold in place with heel of rubber gloved hand. Let go, strike off flush with surface.

## Safety Instructions

### Ecology

Do not dispose of into water or soil but according to local regulations.

### Transport

Non-hazardous.

### Safety Precautions

Wear gloves and goggles, In contact with eyes or skin product may cause irritation.

### Toxicity

Non-Toxic under relevant health and safety codes.

## 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.

