



**PRODUCT DATA SHEET**

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MAINTENANCE OF CONCRETE

# Sikaset® Plug

## FAST-SETTING COMPOUND FOR LEAK SEALING AND CONCRETE REPAIRS

<b>Description</b>	Use Sikaset® Plug to seal leaks and make permanent high strength repairs. Grey, non-hygroscopic, chloride-free powder, contains Sika's exclusive organic accelerator.
<b>Where to Use</b>	<ul style="list-style-type: none"> <li>▪ Seal leaks or makes quick masonry or concrete repairs.</li> <li>▪ Floors, walls, sidewalks.</li> <li>▪ For fast repair of pipe and other precast concrete products.</li> <li>▪ Excellent for sewage and water treatment plant maintenance and repair.</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>▪ Ready to use powder requires only addition of water.</li> <li>▪ Sets rapidly even when mix water temperature is at 4 °C (39 °F) and ambient temperature is at 2 °C (35 °F).</li> <li>▪ Low-shrinkage Sikaset® Plug is highly resistant to sewage and sulfate attack.</li> </ul>

<b>Technical Data</b>	
<b>Packaging</b>	1 kg (2.2 lb) bag, 6/carton, 5 kg (11 lb) bag, 4/carton, 22.7 kg (50 lb) pail
<b>Colour</b>	Concrete Grey
<b>Yield</b>	Mixed as below, 1 kg (2.2 lb) will yield approx 0.6 L (0.02 ft³) of mortar or 5 plugs; 5 kg (11 lb) will yield approx. 2.9 L (0.1 ft³) of mortar or 25 plugs; 22.7 kg (50 lb) will yield approx 13 L (0.45 ft³) of mortar or 113 plugs.
<b>Shelf Life</b>	1 year in original, unopened packaging. Store dry at 5 to 32 °C (41 to 89 °F), ensuring that product is not exposed to rain, condensation or high humidity.
<b>Mix Ratio (by volume)</b>	Water: Sikaset® Plug 1:3
<b>Properties at 23 °C (73 °F) and 50 % R.H.</b>	
<b>Setting Time ASTM C266</b>	90 - 130 sec
<b>Compressive Strength ASTM C109</b>	
28 days	30 MPa (4350 psi)
<i>Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.</i>	

**HOW TO USE**

<b>Surface Preparation / Application</b>	<p><b>Leak Sealing</b> - Prepare leaking areas by chipping away unsound concrete and forming a V-shaped hole or slot. Use Sikaset® Plug to seal all adjacent seepage and slight leaks before plugging the larger leaks. For large leaks, form carrot-shaped plugs and wait until nearly hard before pushing into leak.</p> <p><b>Patching</b> - Trowel Sikaset® Plug on damaged precast members; knead into honeycombs with rubber gloved hand. Seal container tightly after use.</p>
<b>Mixing</b>	Add 1 part by volume of potable water to 3 parts of Sikaset® Plug and mix to consistency of stiff putty. Use mixing water with temperature of 21 °C (70 °F). Set is slowed slightly at lower temperatures.
<b>Clean Up</b>	Remove Sikaset® Plug from tools and mixing equipment with water. Cured product can only be removed mechanically.
<b>Limitations</b>	<ul style="list-style-type: none"> <li>▪ Important: protect stored material from exposure to rain, condensation and high humidity as moisture may penetrate packaging, causing lumps.</li> <li>▪ For best results, condition product to 18 to 29 °C (65 to 84 °F) prior to mixing and installation. Lower temperatures may result in slower strength development and longer cure times.</li> </ul>

**Health and Safety  
Information**

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN

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, within their shelflife. 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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