



PRODUCT DATA SHEET

SikaSet® Plug

FAST-SETTING COMPOUND FOR LEAK SEALING AND CONCRETE REPAIRS

PRODUCT DESCRIPTION

Use Sikaset® Plug to seal leaks and make permanent high strength repairs. Grey, non-hygroscopic, chloride-free powder, contains Sika's exclusive organic accelerator.

WHERE TO USE

- Seal leaks or makes quick masonry or concrete repairs.
- Floors, walls, sidewalks.
- For fast repair of pipe and other precast concrete products.
- Excellent for sewage and water treatment plant maintenance and repair.

CHARACTERISTICS / ADVANTAGES

- Ready to use powder requires only addition of water.
- Sets rapidly even when mix water temperature is at 4 °C (39 °F) and ambient temperature is at 2 °C (35 °F).
- Low-shrinkage Sikaset® Plug is highly resistant to sewage and sulfate attack.

PRODUCT INFORMATION

Packaging	1 kg (2.2 lb) bag, 6/carton 5 kg (11 lb) bag, 4/carton 22.7 kg (50 lb) pail		
Shelf Life	1 year in original, unopened packaging.		
Storage Conditions	Store dry at 5 to 32 °C (41 to 89 °F), ensuring that product is not exposed to rain, condensation or high humidity.		
Appearance / Colour	Concrete Grey		
Indicative Performance of Mortar Mix	Initial Set Time	90 - 130 sec	(ASTM C266)
	Compressive Strength	28 days	
		30 MPa (4350 psi)	(ASTM C109)

APPLICATION INFORMATION

Consumption

Mixed as indicated 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.

BASIS OF PRODUCT DATA

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. Properties tested at 23 °C (73 °F) and 50 % R.H. unless stated otherwise.

LIMITATIONS

- Important: protect stored material from exposure to rain, condensation and high humidity as moisture may penetrate packaging, causing lumps.
- 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.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Leak Sealing - 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.

Patching - Trowel SikaSet® Plug on damaged precast members; knead into honeycombs with rubber gloved hand. Seal container tightly after use.

MIXING

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.

CLEAN UP

Remove SikaSet® Plug from tools and mixing equipment with water. Cured product can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 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

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Product Data Sheet

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