Sika® Fastplug-102 Ultra fast-setting compound for stopping water leaks

Product Description	Sika [®] Fastplug-102 is a chloride free, fast-setting cementitious mortar in prepacked powder form. When mixed with water it becomes a powerful, fast-setting permanent waterplug.
Uses	To stop water leaks and seepage through rock and concrete, as well as through joints between concrete and steel (bolt surroundings, ducts, sheetpiles, etc.) in subways, culverts, tunnels, dams, basements, pools, etc.
Characteristics / Advantages	 Easy to use, easy to mix – just add to water Very fast setting with rapid strength development Permanent Good adhesion Excellent water-stopping power and hydraulic resistance No cracking Will not cause corrosion to steel bars Non-toxic after hardening
Product Data	
Form	
Appearance / Colour	Grey powder
Packaging	5 kg pails
Storage	
Storage Conditions / Shelf Life	6 months from the date of production if stored properly in original, unopened and undamaged packaging in dry and cool conditions. Protect from direct sunlight.
Technical Data	
Specific Gravity	1.99
Mechanical / Physical Properties	
Fire Resistance	(EN 13501-1) Fire rating, Classified A1 - Sika® Fastplug-102 will not contribute in any state of the



fire including the fully developed fire.

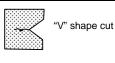
System Information

Application Instructions

Sika[®] Fastplug-102 : water = 1:0.24-0.30 parts by weight. Mix Ratio

Application Method / **Tools**

Check the full extent and reason for the leak so as to ensure no further problems will be caused by sealing the leak. Then cut concrete or rock in "V" shape around the leaking point. Remove all chippings, unsound and loose particles and clean surface with water prior to application of Sika® Fastplug-102.



Mix Sika® Fastplug-102 with clean water (please refer to "Mix Ratio") to a pasty consistency. As Sika® Fastplug-102 is very fast setting, mix only small quantities. Apply freshly prepared Sika® Fastplug-102 into the V-shapes cut, starting from the outside and working towards the centre (plug minor leaks).



Hold material in place by hand for 1 - 2 minutes. When sealed and set, cut off excess materials to flush with surface. Keep damp.



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Cleaning of Tools

Clean all tools and application equipment with water immediately after use. Hardened / Cured material can only be mechanically removed.

Hardening Time (at 25°C)

80 - 130 seconds

Value Base

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.

Health and Safety Information

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 (available upon request) containing physical, ecological, toxicological and other safety-related data.

Legal Note

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.



Sika Singapore Pte Ltd 200 Pandan Loop, 06-02 Pantech 21 Singapore 128388 SINGAPORE

Sika Kimia Sdn Bhd Lot 689 Nilai Industrial Estate 71800 Nilai, Negeri Sembilan DK MALAYSIA

Phone: +65 6777 2811 Fax: +65 6779 6200 e-mail: info@sg.sika.com www.sika.com.sg

e-mail:

www.sika.com.my

+606-7991762

+606-7991980

info@my.sika.com







