

# PRODUCT DATA SHEET

## Sika® Brushcoat-WP

### CEMENTITIOUS WATERPROOFING SLURRY

#### DESCRIPTION

Sika® Brushcoat-WP is a cementitious two part polymer-modified product which is mixed to a slurry consistency and applied to concrete and mortar to provide waterproofing.

#### USES

Sika® Brushcoat-WP will bridge pre-existing static hair-line cracks and is effective for waterproofing the following areas:

- Terraces and balconies
- RC gutters
- Bathroom floors and walls
- Planter boxes

#### CHARACTERISTICS / ADVANTAGES

- Pre-batched components
- Mixes and applies easily
- Slurry or trowellable consistency
- Good adhesion to sound substrates
- Waterproofs and damp proofs masonry surfaces

#### PRODUCT INFORMATION

<b>Packaging</b>	Part A	4.5 kg container
	Part B	18.0 kg bags
	Parts A + B	22.5 kg set
<b>Appearance / Colour</b>	Part A	White liquid
	Part B	Grey powder
	Parts A + B	Grey slurry (mixed)
<b>Shelf Life</b>	6 months from the date of production	
<b>Storage Conditions</b>	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight, rain and water.	
<b>Density</b>	~2.0 kg/l (Parts A + B mixed)	

#### TECHNICAL INFORMATION

<b>Tensile Adhesion Strength</b>	0.5 N/mm <sup>2</sup> (on concrete)
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## APPLICATION INFORMATION

<b>Consumption</b>	Waterproofing of bathrooms, terraces and balconies	1.0 kg/m <sup>2</sup> per coat, minimum 2 coats
	Waterproofing coating up to 1 m waterhead	1.5 kg/m <sup>2</sup> per coat, minimum 2 coats
	Waterproofing coating more than 1 m waterhead	2.0 kg/m <sup>2</sup> per coat, minimum 2 coats
Note: Sika® Brushcoat-WP must be applied in a minimum of 2 coats. 3 coats may be required in areas of extremely high infiltration.		
<b>Pot Life</b>	30 minutes at 30 °C (maximum open time). Potlife is shorter at higher temperatures.	
<b>Waiting Time / Overcoating</b>	For overcoating with cementitious materials, allow the second coat to harden for at least 3 days prior to overcoating. For overcoating with non-cementitious materials, please refer to our Technical Service Department.	

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Concrete, mortar and masonry surfaces must be clean, free from grease, oil and loosely adhering particles. Absorbent surfaces have to be thoroughly saturated with water prior to application of first coat of Sika® Brushcoat-WP. However, no loose standing water should be on the surface before application. All intersections of horizontal and vertical surfaces should be profiled with a mortar fillet of 25 mm x 25 mm.

Note: Sika® Brushcoat-WP will not bond to surfaces that have been treated previously with water repellent.

### MIXING

Under normal circumstances, when the full quantities of both parts are mixed together, a slurry consistency will result. The consistency of the mix can be altered by reducing the amount of Part A (liquid) to be used. For a trowellable consistency, use only 90% of Part A (4 kg). Mix in a clean container by slowly adding Part B (powder) to Part A and stirring with a low speed mixer (≤ 500 rpm). Use within 30 minutes.

### APPLICATION

Whilst the substrate is still damp from saturation, apply the first coat. Leave to harden for approximately 4–8 hours at temperatures above 20 °C before applying the second coat. For slurry consistency, apply with a hard plastic bristled brush or broom.

For floor applications, to avoid risk of damage to the first coat, it is recommended that the second coat be applied after 24 hours. If the second coat is applied 12 hours or later, the first coat shall be slightly prewetted, preferably by using a fine spray. After the second coat has been applied, better finishing can be achieved by rubbing down with a soft, dry sponge.

Sika® Brushcoat-WP can also be applied by trowel or by spraying. For more details, please refer to our Technical Service Department.

### CURING TREATMENT

Special curing methods are generally not required but some precautions should be taken for applications done directly under sunlight and windy conditions. It should be protected from direct rain for at least 4 hours.

### CLEANING OF TOOLS

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

## IMPORTANT CONSIDERATIONS

- Minimum ambient and substrate temperature is 8 °C
- Never apply more than 4 kg/m<sup>2</sup> of Sika® Brushcoat-WP in a single layer
- Apply only to clean, sound substrates – surfaces should be well dampened but free of surface water and leaks
- Sika® Brushcoat-WP is not a decorative treatment and may display signs of 'blooming' in damp weather conditions. This does not affect the quality of the coating in any way

## 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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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 Safety Data Sheet (SDS) 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.

### Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate, 71800 Nilai  
Negeri Sembilan D.K., Malaysia  
Phone: +606-7991762  
Fax: +606-7991980  
e-mail: [info@my.sika.com](mailto:info@my.sika.com)  
Website: [www.sika.com.my](http://www.sika.com.my)



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