

## PRODUCT DATA SHEET

# Sika® Bitumen PK

Eco-friendly water based bitumen emulsion protective coating.

### DESCRIPTION

Sika® Bitumen PK is a single component bitumen emulsion protective coating. It acts as a damp-proof membrane and vapor seal for concrete and masonry. It is an excellent product for water proofing for concrete and masonry below ground. It can also be used for roof walt proofing in combination with other systems. It dries out to form a black flexible and tough protective coating having high bond strength with concrete.

### USES

Sika® Bitumen PK is used as a protective coating for rafts, retaining walls, foundations, roofs, underground constructions and miscellaneous civil & mechanical structures.

### CHARACTERISTICS / ADVANTAGES

Sika® Bitumen PK has numerous advantages as follows.

1. Single component and easy to use flexible coating.
2. Economical and environment friendly product.
3. Good protection against ordinary acid and alkali solutions of low or medium concentration.
4. General purpose damp proofer for miscellaneous substrates
5. Applied as protective coating and curing membrane.
6. Highly effective vapor barrier.
7. Good bonding to most surfaces like concrete, wood, asbestos, polystyrene board, gypsum board, etc.
8. Non-flammable, asbestos free and can be used in confined spaces.
9. Resistance to oxidation and chloride ingress.

### APPROVALS / STANDARDS

Sika® Bitumen PK complies: ASTM D140, ASTM C309, ASTM D 1227, BS6949:1991

### PRODUCT INFORMATION

<b>Packaging</b>	15 kg 200 kg
<b>Colour</b>	Dark brown
<b>Shelf Life</b>	12 months from date of production if stored properly in original unopened packing
<b>Storage Conditions</b>	In dry conditions and under maximum temp. 45° C.
<b>Specific gravity</b>	1.0 ± 0.02
<b>Colour</b>	Dark brown Paste
<b>Consumption</b>	2m <sup>2</sup> /kg - 5m <sup>2</sup> /kg
<b>Waiting Time / Overcoating</b>	Minimum 2 hours

## 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.

## ECOLOGY HEALTH AND SAFETY

In liquid state form, material will contaminate water and soil. Dispose of product residues according to local regulations.

## APPLICATION INSTRUCTIONS

### APPLICATION

The surface to be treated should be clean, dry and free from dirt, dust, oil and grease. All surfaces where bitumen coating to be applied must be thoroughly cleaned. Remove all dust, dirt or contamination. To get sound clean, dry surfaces. All major cracks to be opened in "V" shape & fill it up with repair mortars. Honey combed or spalled concrete to be repaired with a suitable repair mortar. Nail heads and other protrusions that are likely to damage the coating must be removed or grounded.

**Priming:** Normally priming is not required, however priming the surface is recommended when the surface is very dry & porous. The priming coat is made by diluting Sika® Bitumen PK with 20-30% clear compatible water.

Sika® Bitumen PK may be applied by brush or roller or spray machine to prepared surfaces. Stir well before use, replace lid when not in use. For any spillage soak up with sand or sawdust and wash down immediately. As damp proof membrane and vapour barrier, two coats of Sika® Bitumen PK are recommended. Allow a minimum 2 hours between the first coat and second coat.

The second coat should be applied at right angle and ensure that no pinhole is left. All applications should be continued up vertical to the existing damp proof course.

## CLEANING OF TOOLS

Clean tools, equipment and small spills with water, while the product is liquid (brown colour). When set (black colour), proprietary bitumen cleaners are required.

## 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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### Product Data Sheet

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