

Product Data Sheet

Version no: 04/11 (replaces 19/08/08)

Sika Primer B

Solvent based bitumen primer and sealer for bonding of bituminous materials to concrete and masonry

Positioning**Description**

Sika Primer B is a premium quality, quick drying solvent based bitumen primer.

Use

Sika Primer B acts as a primer and sealer coat for masonry and concrete to improve the bonding of bituminous materials. It is used as a primer coat prior to the application of Sika Bitumen StripSeal.

Advantages

- Binder for dust particles.
- Improves the bond of Sika Bitumen StripSeal.
- Cold applied, does not require heating, thinning and mixing.
- Anti corrosive.
- Economical.

Tests**Approvals / Standards**ASTM D 41 - Asphalt primer for roofing, damp proofing and waterproofing.
BS 3416 - Bitumen based coatings for cold application, suitable for use in contact with potable water.**Product Data****Form:****Colour:**

Black

Storage & shelf life:

The shelf life of the product is up to 12 months if stored if stored properly in undamaged, sealed containers. The product should be stored under a shaded area, away from direct sunlight and protected from extreme temperatures.

Packaging:

1 litre pails

Technical Data**Property****Test****Result**

Density.

ASTM D 70

0.85-0.88 g/cc

Saybolt Furol Viscosity at 25° C, Seconds.

ASTM D 88

25-125

Drying Time

BS 3900

24 hours at 30° C

Tack Free Time

2 hr at 30° C

Distillation, Vol % of the primer

Up to 225° C

35 (min)

Up to 360° C ASTM D 402

65 (max)

Tests on residue from distillation:

Penetration at 25° C

ASTM D5

20-50 dmm

Solubility in

Trichloroethylene %

ASTM D 2042

99

Water Content, %

ASTM D 95

0.5 (max)

Flexibility

BS 3416

Pass

Flash Point

38° C

Effect on potable water

BS 3416

Pass

Coverage

4-6 m²/lt./coat. However, the coverage will depend on the porosity of the substrate. In order to ascertain the exact coverage, a trial application should be carried out on site.

Construction



Application Conditions

Instructions for use

The surface must be clean and free of oil, grease and any other loosely adhering particles. All surfaces must be dry before priming with Sika Primer B. The primer can be applied straight from the container with standard brush. Apply primer and allow to become touch dry before sealing, normally 30-60 minute after application. Sealing should be completed on same day as joint surfaces are primed. If this is not possible a further coat of Sika Primer B should be applied.

Notes

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.

Health & Safety Instructions

Protective Measures

- Sika Primer B contains volatile solvent with a low flash point (38° C).
- It should be kept far away from naked flame.
- Avoid inhalation of vapours and ensure there is adequate ventilation in the work place.
- Gloves, protective masks and goggles should be worn during application. If swallowed seek medical attention immediately.
- Local regulations as well as health and safety advice on packaging labels must be observed.
- For further information refer to the Sika Material Safety Data Sheet which is available on request.
- If in doubt always follow the directions given on the pack or label.

Transport

Sika Primer B has a hazardous goods classification for transportation; Haz. Class 3, IMO Class 3.3, UN No. 1999, Packing Group III.

Important Notes

- Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.
- Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.

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.



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