

PRODUCT DATA SHEET

BC Bitumen Primer SB

Solvent based bituminous primer

PRODUCT DESCRIPTION

BC Bitumen Primer SB is a solvent-based bituminous primer, ready to use. Suitable surfaces: concrete, timber and metal.

USES

Primer for bitumen thick coatings and bituminous sheet membranes. Used to improve the adhesion and surface consolidation of concrete, mortar and brick substrates.

CHARACTERISTICS / ADVANTAGES

- Quick drying time
- Excellent adhesion
- High penetrating ability into porous substrates
- Applied by brush, roller or airless spray
- Can be applied on slightly damp surfaces
- Ready to use

PRODUCT INFORMATION

Chemical Base Packaging Colour Shelf

Life

Bitumen and solvent

5, 10, 20 and 200 liters

Black

12 months from date of production, if stored properly in unopened and undamaged original sealed packaging.

Storage Conditions

Dry storage at temperatures from +5°C up to +30°C. Protect from direct sunlight, rain, snow, ice, humidity, etc. Store in a horizontal position. Do not stack pallets of the membrane rolls on top of each other, or under pallets of any other materials during transport or storage.

Density

0,95 ± 0,05 kg/L

Flash Point

23 °C (Method: closed cup)

Solid content by mass

54 % ± 2 %

Consumption

Concrete surfaces: 0,35-0,50 g/m²
Metallic surfaces: 0,20-0,30 g/m²

Ambient Air Temperature

+5 °C min. / +35 °C max.

Substrate Temperature

+5 °C min. / +35 °C max.

Drying time

apx. 2 hours (+23 °C)

Time is approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.



VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Do not use inside houses or in non-ventilated environments;
- Do not apply on wet or very damp surfaces;
- Do not mix with cement or water;
- Do not use to waterproof tanks, cellars or drains subjected to high water counterthrust or to water under pressure;
- Do not use to waterproof surfaces or containers in contact with liquids for human consumption, drinking water or which may come into contact with solvent or mineral oils.

ECOLOGY, HEALTH AND SAFETY

SUBSTRATE QUALITY

Substrate must be uniform, dry or slightly damp, free from dust, loose material, surface contamination, existing coatings, oil, grease and other materials, which could reduce adhesion of the coating. Surface defects (>5mm) such as blowholes, voids, honeycombing, etc. must be filled / repaired with suitable Sika® repair mortars.

SUBSTRATE PREPARATION

Surfaces must be cleaned and prepared using suitable preparation techniques to provide a clean slightly textured surface. Defects must be repaired with an appropriate Sika® repair mortar.

APPLICATION METHOD / TOOLS

Strictly follow installation procedures as defined in method statements, application manuals and working instructions, which must always be adjusted, to the actual site conditions.

Manual application

Apply Sika® Igoflex® P-10 onto the prepared substrate using brush or roller at the required consumption.

Spray application

Sika® Igoflex® P-10 onto prepared substrate using appropriate airless spray equipment.

Ensure a continuous, pore free coat covers the substrate.

CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Colma Cleaner immediately after use. Hardened material 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 the 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 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



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