

PRODUCT DATA SHEET

Sika® Igasol® BC

Rubberized Bitumen Based Coating

DESCRIPTION

Sika® Igasol® BC is a brown-black rubberized bitumen liquid emulsion with excellent adhesion, which dries to a tough, seamless, flexible coating for concrete structures.

USES

- Floors to provide a sandwich membrane in new construction or surface treatment
- Floor slab
- Used for below the ground parts of structures
- Basements , retaining wall

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to moist building substrate
- Single component
- Water based
- Economical , easy to apply, reduces labour costs
- Can be applied on vertical and horizontal surface
- Seamless, joint free
- Unaffected by high ambient temperature
- High resistance to aggressive soils and contaminated ground water
- Low odour, dries without generating strong vapours

PRODUCT INFORMATION

Composition	Rubberized bitumen
Packaging	15 lt pail
Colour	Dark brown liquid (Black when dry)
Shelf life	12 months from date of production
Storage conditions	Stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures +5 °C between +35°C.
Density	Approx. 1.00 kg/l (at 25°C)
Solid content by weight	Approx. 39%±1 by weight
Watertightness	Pass in accordance with TS EN 15814
Service temperature	Up to 60°C
Reaction to fire	E class in accordance with TS EN 15814
Consumption	0,25 – 0,50 kg/m ² per coat, (applied in 2 – 3 coats)
Substrate temperature	+5 °C min. / +35 °C max.
Curing time	Full cure approx. ~3 days
Waiting time to overcoating	Over coating approx. ~5 hours (at 35°C)

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.

IMPORTANT CONSIDERATIONS

Do not apply Sika® Igasol® BC to outside areas in wet weather or when rain is expected.

Protect freshly applied product from rain until it is fully cured.

When used as protective coating, all pinholes, cavities, cracks etc. in the substrate must be filled with a suitable Sika mortar.

ECOLOGY, HEALTH AND SAFETY

SUBSTRATE QUALITY

Substrate must be uniform, dry, free of dust, oil or grease and loose or friable particles. Substrate must be dry.

SUBSTRATE PREPARATION

Hot and very dry, porous concrete surfaces must be primed by diluting Sika® Igasol® BC with clean water at 1:1 ratio (by weight)

APPLICATION METHOD / TOOLS

The drums must be stirred well before use. Where a single packaging is used for prolonged periods, occasional stirring during application is recommended. If a primer coat is applied, allow it to dry completely before applying subsequent coats.

Apply evenly and in one direction using a stiff brush. A two-coat application is recommended to avoid possible gaps in the film. Each coat must be allowed to dry before applying the next one.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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.

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