

PRODUCT DATA SHEET

Sika® Black Jack®-906 Bitumen Roofing Emulsion

A stable bitumen/water emulsion of medium brushing consistency for the general waterproofing of roofs

PRODUCT DESCRIPTION

Sika® Black Jack®-906 Bitumen Roofing Emulsion is a stable bitumen/water emulsion of medium brushing consistency which dries to a black, flexible coating. The product is specially designed for general waterproofing of roofs and provides protection against corrosion of pipes and structural steelwork.

USES

- General waterproofing of roofs – for use on concrete, fibre/cement, roofing felt, mastic asphalt, corrugated iron, slates, tiles, lead, copper and zinc.
- Metal protection – provides protection against corrosion of pipes, structural steelwork and other metallic equipment.
- Insulation – provides a vapour barrier for cold storage rooms, mushroom houses and similar installations.

CHARACTERISTICS / ADVANTAGES

- May be applied to damp surfaces.
- Non-flammable - water/bitumen emulsion.
- Water clean-up.

PRODUCT INFORMATION

Chemical Base	Water-based bitumen.
Packaging	5 L tin.
Colour	Dries Black.
Shelf Life	24 months from date of manufacture in unopened and undamaged containers.
Storage Conditions	Store between +5 and +25 °C. PROTECT FROM FROST.
Density	ca. 1 g/cm ³ at +20 °C.

TECHNICAL INFORMATION

Chemical Resistance	Resistant to: most salt solutions, dilute acids and alkali, and water. Not resistant to: oils, solvents and some detergent solutions. If not sure, check first in an inconspicuous area.
Service Temperature	-10 °C to +85 °C.
Flow resistance	The cured film will not sag or flow under normal conditions.

APPLICATION INFORMATION

Yield	Approx. 1.25 m ² per litre per coat depending on porosity of substrate. Two coats will give a dried film of approximately 0.9 mm thickness.
Ambient Air Temperature	+5 °C to +50 °C. Surfaces must be free from ice.
Substrate Temperature	+5 °C to +50 °C. Surfaces must be free from ice.
Drying time	Allow 24 hours between coats.

VALUE BASE

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.

LIMITATIONS

- The product may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before overpainting.
- Do not apply externally if rain is imminent (within 5 hours of application).
- Protect from rain and frost until cured (the coating may be assumed to be dry when rubbing with a wet finger does not produce a brown stain).
- Do not use in areas where subsequent solvent contact is likely.
- Allow sufficient drying time between coats.
- As the manufacturer cannot know all the uses their products may be put to, it is the user's responsibility to determine suitability for use. If in doubt, contact Technical Services Department for advice.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Before applying, ensure surfaces are clean, sound and free from dust or any contaminants which may affect adhesion. Remove green growth with Sika® Mould-buster. No roof coating can be expected to repair an existing roof which is not structurally sound and stable. Make good any holes or loose felt/slates/tiles

etc. Fill holes/imperfections with Black Jack® 903 Bitumen Trowel Mastic. Stick down loose felt etc with Black Jack® 904 Roof Felt Adhesive. Prime porous surfaces with Black Jack® 902 Bitumen and Flashing Primer and allow to dry before use.

APPLICATION

Stir well before use. The product is brown when applied but dries black. Apply by brush in a minimum of two coats at a rate of 0.75 L/m². Apply coats at right angles to each other and allow 24 hours between coats. This emulsion may be applied to damp, but not wet surfaces. For maximum durability, the second coat can be reinforced with an open woven glass fibre membrane. In order to prolong the effective life of the dried coating, overcoating with Black Jack® 907 Solar Reflective Roof Coating is recommended.

CLEANING OF TOOLS

All tools should be cleaned immediately after use with soap and water or Sika® Wonder Wipes. Use white spirit if the material has dried.

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.

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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