

PRODUCT DATA SHEET

Sika® Black Jack®-901 Black Bitumen Paint

SOLVENT-BASED, FULL-BODIED BLACK BITUMEN PAINT FOR METAL PROTECTION

PRODUCT DESCRIPTION

Sika® Black Jack®-901 Black Bitumen Paint is a solvent-based, full-bodied black bituminous paint. When dry, the product forms an odourless and taint free black film suitable for metal protection as well as overcoating wood and felt.

USES

Sika® Black Jack®-901 Black Bitumen Paint provides an effective waterproof, weatherproof, corrosion-resistant protective coating. It is resistant to low concentrations of alkalis and acids and can withstand prolonged oxidation. It is suitable for application to a wide variety of materials including iron, steel, lead, zinc, aluminium, asbestos-cement, concrete, stone, wood, felt and brick and is mainly used for:

- Metal protection - corrugated iron sheets, fire escapes, stairways, ladders, storage tanks, gutters, downpipes, fences, railings, gates etc.
- As a protective coating for concrete structures, stone, brick, concrete screeds and sand/cement surfaces.
- Overcoating felt/wood.

CHARACTERISTICS / ADVANTAGES

- Fast drying.
- For use on most common building surfaces.
- Type of solvent: white spirit.
- Film thickness per coat at 11 m²/L - wet 0.1 mm.
- Film thickness per coat at 11 m²/L - dry 0.05 mm.

PRODUCT INFORMATION

Chemical Base	Solvent-based bitumen.
Packaging	1 L, 2.5 L, 5 L and 25 L tins.
Colour	Black.
Shelf Life	24 months from date of manufacture in unopened and undamaged containers.
Storage Conditions	Contains a flammable solvent and all precautions against fire must be taken during storage. Store between +5 and +25 °C.
Density	ca. 0.9 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	-20 °C to +50 °C.

APPLICATION INFORMATION

Yield	Porous surfaces: Approx. 4-6 m ² /L. Non-porous surfaces: Approx. 11 m ² /L.
Ambient Air Temperature	+5 °C to +40 °C. Surfaces must be free from ice and water.
Substrate Temperature	+5 °C to +40 °C. Surfaces must be free from ice and water.
Drying time	4-6 hours depending on drying conditions.

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

- Do not use in areas where subsequent solvent contact is likely.
- Do not use for potable drinking water tanks.
- Avoid inhalation of vapours in confined spaces.
- Allow sufficient drying time between coats.
- Bitumen paint may bleed through any paints subsequently applied over it.
- Apply a primer recommended by paint manufacturer before over painting. Black Jack® 902 Bitumen & Flashing Primer is not rust inhibitive and should not be applied over metal which is rusting; a red lead oxide, zinc phosphate or similar type of primer should be applied prior to use.
- Always test compatibility before use.

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

All surfaces must be dry, stable and thoroughly cleaned to remove all traces of dirt, dust and grease. Wet surfaces should be brushed free from water and wiped with a dry cloth to remove any moisture which remains. Repair cracks and holes using Black Jack® 903 Bitumen Trowel Mastic, stick down loose felt etc. with Black Jack® 904 Roof Felt Adhesive. Metal surfaces should be wire-brushed to remove rust. Where long term protection is required an initial treatment of a rust-inhibitive product such as red lead or zinc phosphate should be used. Loose or blistered paint should be removed, as should tar-based paint systems. New galvanised surfaces should be roughened with a wire brush or treated with a proprietary etch primer. Concrete, cement and other porous surfaces should be primed using Black Jack® 902 Bitumen & Flashing Primer and allowed to dry. Where there is green growth present, clean surfaces with Sika® Mould-buster as directed, before proceeding.

APPLICATION

Sika® Black Jack®-901 Black Bitumen Paint is ready for use and should not be thinned. Stir thoroughly before use. Apply by brush or spray. A minimum of two coats of Sika® Black Jack®-901 Black Bitumen Paint should be applied. The first coat should be allowed to dry (normally 2-4 hours depending on weather conditions) before the second coat is applied. For enhanced UV protection; apply Black Jack® 907 Solar Reflective Paint once the 901 Black Bitumen Paint has dried.

CLEANING OF TOOLS

All tools should be cleaned immediately after use with Sika® Wonder Wipes or white spirit. Any spillage should be wiped off surfaces before the bitumen paint has set.

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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