

PRODUCT DATA SHEET

Sika® Black Jack®-907 Solar Reflective Paint

A thin bituminous-based aluminium protective paint

PRODUCT DESCRIPTION

Sika® Black Jack®-907 Solar Reflective Paint is a thin bituminous-based aluminium protective paint of brushable consistency which dries to a silvery finish. The product is specifically designed for application over primed metal walls and roofs to reduce heat absorption.

USES

A light/heat reflective coating for:

- Primed metals.
- Bituminous coatings (to prolong their life).

CHARACTERISTICS / ADVANTAGES

- Fast drying - 1 hour at normal temperatures.
- Prolongs life of roof repairs and bituminous coatings, which would otherwise be degraded by UV light.

PRODUCT INFORMATION

Chemical Base	Bituminous-based.
Packaging	5 L and 25 L tins.
Colour	Silver.
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. 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.
Reaction to Fire	Wet: Flammable. Dry: Will burn slowly.

APPLICATION INFORMATION

Yield	4 – 6 m ² per litre depending on porosity of substrate. 11 m ² per litre on non-porous surfaces.
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	1 - 2 hour depending on drying conditions.

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 in areas where subsequent solvent contact is likely.
- Allow sufficient time to dry between coats.
- Avoid inhalation of vapours in confined spaces.
- Do not apply directly to expanded polystyrene.
- Bitumen paint may bleed through any paints subsequently applied over it.
- Always test compatibility before use.
- 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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

SUBSTRATE PREPARATION

All surfaces must be dry 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. Concrete, cement and other porous surfaces should be primed using Black Jack® 902 Bitumen and Flashing Primer and allowed to dry. Where there is green growth present, clean surfaces with Sika® Mouldbuster as directed, before proceeding.

APPLICATION

Sika® Black Jack®-907 Solar Reflective Paint must be stirred prior to use and periodically during application. Apply two coats by brush or mohair roller, the second coat being applied as soon as the first coat is dry (1-2 hours). Over recently applied bituminous coatings, allow the following minimum period to elapse after the final coat has dried before applying this product:
Hot applied products - 6 hours.
Solvent based coatings - 3 days.
Water based coatings - 2 weeks.
Over bituminous surfaces, apply the thinnest first coat necessary to obliterate the black colour of the bitumen. The second coat should also be thin. Avoid ponding. When brushing, use soft bristle brushes applying the lightest pressure.

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

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 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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Product Data Sheet

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