

PRODUCT DATA SHEET

EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE

Bitumen-based adhesive used to bond roofing felt

PRODUCT DESCRIPTION

EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE is a cold-applied, black, oxidised bitumen-based adhesive used to bond roofing felt to itself, concrete, asphalt, metal, wood and similar surfaces. Also suitable for use as a cold-gritting solution.

USES

- Bonding all types of roofing felts to metal, concrete, roofing felt, wood.
- Sealing roofing felt laps.
- Bonding chippings to final layer of felt.

CHARACTERISTICS / ADVANTAGES

- High bond strength
- Also suitable for gritting

Flexibility

Provides a tough but flexible film which hardens and softens with change in temperature

Chemical and Water Resistance

Resistant to: most salt solutions, dilute acids and alkalis, water and alcohol.
Not resistant to: oils, solvents and some detergent solutions.

PRODUCT INFORMATION

Chemical Base	Aromatic petroleum hydrocarbon
Packaging	1, 2.5, 5 & 25ltr tin
Colour	Black
Shelf Life	Storage life 24 months in tightly sealed undamaged containers.
Storage Conditions	EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE contains a flammable solvent and all normal precautions against fire must be taken during both storage and use. Store in original container in cool (5°C - 25°C) dry conditions. Keep away from sources of ignition.
Density	0.9 - 1.0 g/cm ³
Consumption / Yield / Dosage (PRINT single line)	As a roof felt adhesive: 0.6 – 0.8 litres per square metre As a gritting adhesive: 3mm chips: 0.7 litres per square metre 10mm chips: 0.9 litres per square metre
Ambient Air Temperature	10°C to 25°C. Surfaces must be free from ice and water.
Substrate Temperature	-20°C to +35°C (below 38°C flash point) for slopes less than 10 degrees
Drying time	24 hours 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.
- Avoid inhalation of vapours in confined spaces.
- On timber roof structures, the first layer of felt must be nailed down to comply with BS 8217:1994; the second and third layers may be bonded with EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure that the surface to be repaired is dry and clean, i.e. free from all loose debris, rust, dirt and grease. All traces of algae and fungal growth should be removed using a stiff-bristle brush. Where algae and fungi have been present, remove all traces completely and treat the surface with EVERBUILD® FUNGICIDAL WASH in order to kill any remaining spores, thereby discouraging any return of growth. Porous surfaces may be primed with a coat of BLACKJACK® BLACK BITUMEN PRIMER and allowed to dry before proceeding.

APPLICATION

In general the felt-laying techniques employed should be those detailed in BS 8217:1994. EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE should be brush or mop applied to the surface and left "open" for 15 to 30 minutes (depending upon drying conditions) in order to develop its full tackiness. The felt should be placed into the wet adhesive film carefully, rubbing or rolling each section down to ensure maximum contact with the adhesive and ensuring that all air has been excluded. The felt should then be weighted down until the felt has adhered to the surface. Whenever possible, the felt should be unrolled into the adhesive and rolled home with a lighter roller (approx. 25kg).

AS A LAP CEMENT

Laps at the edges should be at least 75mm wide and laps at roll ends should be at least 150mm. Laps and final edges should be liberally treated on their underside with EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE and well compacted.

TIMBER ROOFS

On timber roof structures, the first layer of felt must be nailed down to comply with BS 8217:1994. The second and third layers may be bonded with EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT AD-

HESIVE.

CONCRETE AND LIGHTWEIGHT CONCRETE SCREEDS

As they are often extremely porous, these surfaces will require a priming coat to ensure successful adhesion of EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE. Prime with BLACKJACK® BITUMEN AND FLASHING PRIMER. It is essential that the primer has completely dried before the first layer of felt is applied.

AFTERCARE

Twenty four hours after laying, check all bonding to ensure that full adhesion has been obtained. Particularly check all laps; if in doubt, press home or roll any felt that appears to be lacking full adhesion.

AS A COLD-GRITTING SOLUTION

EVERBUILD® BLACK JACK® 904 BITUMEN ROOF FELT ADHESIVE is suitable for use as a gritting solution for roofs with up to a 10° slope. The roof surface should be clean and free from dirt, dust and all loose debris. The surface should be preferably dry although the product may be applied to damp, but not wet or waterlogged, surfaces. The compound should be spread evenly direct from the container in convenient areas of 20 square metres at a time. Do not allow the film to form a puddle or become too thin. The chippings should be applied immediately into the wet film. Care should be taken not to over-chip and to ensure that the chippings cover the film shoulder-to-shoulder. Leave the completed surface dressing for at least 72 hours and then lightly brush off any excess chippings. Do not leave any black film exposed.

CLEANING OF TOOLS

Tools may be cleaned with paraffin or white spirit. Spillages should be wiped off surfaces before the adhesive 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
EVERBUILD® BLACK JACK® 904 BITUMEN ROOF
FELT ADHESIVE
June 2019, Version 01.01
020915791000000003

