

PROVISIONAL PRODUCT DATA SHEET 2019-08-23

EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC

HEAVILY-FILLED, FIBRE-REINFORCED, TROWELLABLE BITUMINOUS COMPOUND

PRODUCT DESCRIPTION

EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC is a trowel-applied, black, heavily-filled bituminous compound with added fibres for reinforcement. The product forms a surface skin, but the mass below remains soft to allow for moderate movement. Suitable for sealing and filling holes in mastic asphalt, roofing felt, corrugated iron, metal guttering and downpipes.

USES

Mainly used for:

- Waterproofing, stopping, bedding, bonding and sealing.
- Adheres to/fills holes in: mastic asphalt, roofing felt, corrugated iron, cast iron, fibre cement, slates, lead, copper, zinc, concrete and timber.

CHARACTERISTICS / ADVANTAGES

- Fast drying
- Fibre-reinforced
- Suitable for use with all bituminous surface coatings
- Remains flexible for long periods after application

Flexibility	Provides a soft resilient coating
Flashpoint	50°C

PRODUCT INFORMATION

Chemical Base	Bitumen in white spirit, gas oil
Packaging	1ltr, 2.5ltr, 5ltr tins
Colour	Black
Shelf Life	24 months from date of manufacture in undamaged containers.
Storage Conditions	Contains a flammable solvent; take normal precautions against fire during both storage and use. Store in original container in cool (5°C - 25°C) dry conditions.
Density	ca. 1.45 g/cm ³

TECHNICAL INFORMATION

Chemical Resistance	Resistant to: most salt solutions, dilute acids and alkalis, water and alcohol. Not resistant to: oils, solvents and some detergent solutions.
Thermal Resistance	Will not flow or sag within service temperature limits
Service Temperature	-10°C to +50°C

APPLICATION INFORMATION

Yield	2 litres per m ² (giving 2mm wet thickness)
Ambient Air Temperature	5°C to 40°C. Surfaces must be free from ice and water.
Drying time	24 hours to develop a surface skin, the mass below remaining plastic for many months.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

As with all surface coatings, preparation of the surface is of great importance and will influence the degree of adhesion obtained and the life of the coating.

All surfaces must be sound, stable and thoroughly clean and dry. 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. New galvanised surfaces should be roughened with a wire brush or treated with a proprietary etch primer. If the surface is still dusty after preparation, or coated in weathered bitumen, prime with BLACK JACK® BITUMEN PRIMER and allow to dry. To assist in cold weather application, store the material in a warm room overnight prior to use.

APPLICATION

EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC is ready for use and should not be thinned. Apply by steel trowel or putty knife.

CRACKS AND HOLES

Force the compound into the crack, but finish with a 25mm band at a 3mm thickness running the length of the crack. For large cracks and holes, apply the compound over the area to be treated and embed a closely woven glass fibre membrane into the compound to overlap the crack or hole by 50mm. Allow to dry and then apply a second coat, fully covering the reinforcing membrane.

CORRUGATED IRON/FIBRE CEMENT SHEETING

Tighten loose hook bolts and trowel around with mastic. Remove loose screws, re-bed screws and washers in EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC and tighten. Top seal in further mastic and trowel to a smooth finish. If the sheet is cracked, clean and prime with BLACK JACK® BITUMEN/FLASHING PRIMER and apply a bandage strip of glass fibre embedded in the mastic. When dry, overcoat with BLACK JACK® BITUMEN /FLASHING PRIMER followed by BLACK JACK® BITUMEN PAINT. Use the same technique for sealing side and end laps in corrugated sheeting.

TILES

Point up butt edges of ridge tiles, fillets and slates with EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC.

LEAD AND ZINC

Trowel over cracks and pinholes, where necessary, re-inforcing with a woven glass membrane, fully embedded and covered.

FELT

Re-adhere loose felt using BLACK JACK® ROOF FELT ADHESIVE. Apply EVERBUILD® BLACK JACK® 903 BITUMEN TROWEL MASTIC and overcoat with BLACK JACK® ALL WEATHER ROOF COATING. Note: felt must be completely dry before applying the mastic.

CLEANING OF TOOLS

Tools may be cleaned by using white spirit. Spillages should be wiped off surfaces before the primer has set.

LIMITATIONS

- Do not use in areas where subsequent solvent contact is likely.
- Avoid inhalation of vapours in confined spaces.
- Do not apply to damp surfaces.
- Allow sufficient drying time before overcoating.
- Only overpaint with black bituminous products - the mastic may bleed through other coatings.

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.

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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related 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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