

TROWEL MASTIC

Fibre Filled Bitumen Mastic

Technical Data Sheet



BITUBOND BITUMEN SOLUTIONS & COMPOUNDS RANGE

Description:

A heavily filled and fibrated bituminous compound that remains soft and pliable once cured for a long time after application to allow for moderate movement.

Features & Benefits:

- ◆ Cold applied.
- ◆ Waterproofs, points and seals.
- ◆ Fibre reinforced.
- ◆ Flexible.
- ◆ Trowellable.
- ◆ Fast drying.
- ◆ For exterior use.

Uses

Bond It TROWEL MASTIC is a multi-purpose trowel grade material for waterproofing, stopping, bedding, pointing and sealing. Can be applied to mastic asphalt, roofing felt, corrugated iron, cast iron, fibre cement, slates, lead, copper, zinc, concrete and timber. Ideal for filling cracks and holes in most roofing materials. Perfect for metal guttering and downpipes.

Limitations

- Do not use in areas where subsequent solvent contact is likely.
- Do not use for potable drinking water tanks.
- Do not apply to damp surfaces.
- Allow sufficient drying time between coats.
- Bitumen may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before overpainting.

Preparation

All surfaces must be structurally sound, clean, dry and free from surface contaminants such as grease, rust and dirt. If necessary, remove any organic growth i.e. lichen, with a fungicidal wash such as Bond It MOULD STOP.

If the surface is still dusty after cleaning, or covered with weathered bitumen, prime with BITUMEN PRIMER and allow to dry.



To assist application in cold weather store the material in a warm room overnight prior to use.

Application

Apply with a steel trowel or putty knife. Do not thin.

Cracks & holes: Force the compound into the crack leaving slightly proud at the centre. 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 approximately 50mm. Allow to dry and then apply a second coat fully covering the reinforcing membrane.

Corrugated iron/fibre cement sheeting: Tighten loose hook bolt and trowel around with TROWEL MASTIC. Remove loose screws then re-bed both screws and washers in TROWEL MASTIC and tighten. Top seal and trowel to a smooth finish. If a sheet is cracked clean, prime and apply a bandage strip of woven glass membrane embedded in TROWEL MASTIC. Allow to dry and then overcoat. Where required use the same technique to seal side and end laps in corrugated sheeting.

Tiles: Use TROWEL MASTIC to point up butt ends of ridge tiles, fillets and slates.

Lead and zinc: Trowel over cracks and pinholes, where necessary reinforce with a woven glass fibre membrane embedded in TROWEL MASTIC and overcoat.

Felt: Re-adhere loose felt (especially flashings and details) and seal joints with TROWEL MASTIC. Note: this material should only be applied to surfaces that are completely dry and great care should be taken to ensure that when applied to bitumen felt no moisture is contained within the felt.

Drying Time

Most of the solvent evaporates in 24 hours under average drying conditions, but the coating remains soft for a long time after application.

Cleaning Of Tools

Clean with paraffin (kerosene) or Bond It WHITE SPIRIT.

Size

1, 2.5, 5 and 25L metal tins.

Coverage

2m² per litre (giving 2mm wet thickness).

Colour

Black solution.

Shelf Life

Indefinite under good storage conditions in original, unopened containers.

Storage Conditions

Store under cover away from sources of heat and ignition. Keep containers sealed when not in use. Store between +5°C and +25°C. Protect from frost.

Disposal Of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any tins or used material to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

Type of Solvent	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Approximate Flashpoint	
Test Method BS2000:Part 170:1982 [IP170/75 (81)]	+40°C
Density	1.075g/cm ³
Service Temperature Limits	-10°C to +85°C depending on operating conditions
Application Temperature Limits	Normally +5°C to +30°C
Chemical Resistance	Resistant to: most salt solutions, some dilute acids and alkalis, water and alcohol Not resistant to: oils, solvents, some detergent solutions
Heat Flow Resistance	The cured film will not sag or flow under normal conditions
VOC Value	180g/L
Commodity Code	2715000000

Product / Order Details

Code	Colour	Size	Barcode	UFI
BDB011	Black	1L	5060021362124	5450-Q03A-700N-RJS5
BDB012	Black	2.5L	5060021360892	5450-Q03A-700N-RJS5
BDB013	Black	5L	5060021362131	5450-Q03A-700N-RJS5



Part of the Bond It Bitubond Range

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Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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