



BITUBOND TROWEL MASTIC

Bitumen Mastic

Description

A heavily filled and fibrated bituminous compound that dries to a soft flexible black coating which remains soft and pliable for a long time after application.

Uses

Bond It **TROWEL MASTIC** is a multi-purpose trowel grade material for waterproofing, stopping, bedding, pointing and sealing.

TROWEL MASTIC can be applied to mastic asphalt, roofing felt, corrugated iron, cast iron, fibre cement, slates, lead, copper, zinc, concrete and timber.

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. moss or lichen, with a fungicidal wash. 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.

Cracks & 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 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 rebed 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 many months.

Safe Handling Precautions

Flammability: Flammable

Keep away from sources of ignition including pilot lights and sparks (see note). Take precautionary measures against static discharge. Keep containers tightly closed when not in use. **DO NOT SMOKE**. If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth. Never use water as this may spread the fire. **Note:** Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite the product or it's vapour, resulting in an explosion and/or fire.

Skin Contact: Contains solvents that cause de-fatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of a barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

Eye Contact: Avoid contact. Could have an irritating effect. In the event of accidental contact, wash eyes immediately with clean water for 15 minutes and obtain medical attention.

Inhalation: Contains solvent. Stand upwind of the work to avoid inhalation. Switch off all working ventilation

inlets prior to using the material; leave covered until there is no odour of the solvent in the vicinity. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists seek medical advice.

Oral Ingestion: With proper handling this should not occur. The possibility can be minimised by not consuming food in the working environment and by washing hands thoroughly before eating, drinking or smoking.

Spillage: Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.

Disposal of Containers: Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

Limitations

- Do not use in areas where subsequent solvent contact is likely.

- Do not use for potable drinking water tanks.
- Allow sufficient drying time between coats.
- Bitumen Paint may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before overpainting.

Cleaning Of Tools

Clean with paraffin (kerosene) or white spirit.

Storage Conditions

Store under cover away from sources of heat and ignition. Keep containers sealed when not in use.

Storage Life

Shelf life of this product is a minimum of 5 years under good storage conditions in original unopened containers.

Specification Summary

Type of solvent	White Spirit, Gas Oil
Approximate Flashpoint Test Method BS2000:Part 170:1982 [IP170/75 (81)]	40°C
Approximate Specific Gravity	1.45
Approximate Coverage	3 litres per m ² (giving 2mm wet thickness)
Service Temperature Limits	-10°C to +85°C depending on operating conditions
Application Temperature Limits	Normally 5°C to 40°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

Container Sizes

Size:	1 Litre	2.5 Litre	5 Litre
Code:	BDB011	BDB012	BDB013
Barcode:	5060021362124	5060021360892	5060021362131

The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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.



Certificate Number: 6152
ISO 9001
ISO 14001



BOND IT
Unit G16 River Bank Way, Lowfields Business Park,
Elland, West Yorkshire HX5 9DN.
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310
Email: sales@bond-it.co.uk Website: www.bond-it.co.uk



V3 12/01/16
Supersedes V2 22/3/12