

ROOFTEC Mastic – B is a single component, ready to-use, spatula or gun applied non-slump sealant. Based on a polymer modified bitumen, carried in hydrocarbon solvent. It cures to form a seal, with excellent adhesion to concrete, brickwork, asphalt and most construction materials.

USES:

ROOFTEC Mastic – B is ideally suited for sealing and filling gaps on roofs, pointing horizontal chases for waterproofing membranes and felts. Sealing around roof/wet area service pipes pointing between brickwork and roof flashings. Sealing leaks in gutters and roofing sheets. Sealing cracks in asphalt and felt roofing. Filling horizontal joints in concrete and asphalt where movements not expected.

ADVANTAGES

- Good expansion and contraction properties
- Good mechanical properties, tensile strength, elongation and resistance
- Pliable and flexible
- Stability at high ambient temperatures
- Excellent adhesion: strong durable bond
- Economical
- Single component, does not require mixing thereby saves time
- Oxidation resistant and durable

COMPOSITION

ROOFTEC Mastic – B is a blend of rubber and high quality bitumens carried in hydrocarbon solvent to assist in ease of application. Black in colour and exhibiting a non slump consistency it cures by solvent release to form a tough flexible waterproof seal.

TYPICAL PROPERTIES

Service temperature limits	20° C - 70° C
Application temperature	10° C to 55° C
Specific gravity	1.05 at 25° C
Solids content	> 70%
Flash point ⁷	65° C
Slump	Nil
Initial set at 35° C	6 hours
Full cure at 35° C	3 weeks
Movement	Upto 7% of the total

DIRECTIONS FOR USE:

Surface preparation:

Surfaces must be free from all dirt, dust and loose material. Any oil and grease contamination must be removed. Surface must be dry.

Masking

Prior to application of primer and sealant, masking tape is applied to adjacent sides of joints to protect building surfaces.

Priming

Under normal circumstances, priming is not required. However, for very dusty surfaces, it is advisable to apply a coat of ROOFTEC primer. Similarly for joints subject to continuous immersion, priming is recommended.

Application:

By means of a spatula or trowel, remove contents of the can and apply to prepared joint profile. For vertical substrates start applying from the bottom. Ensure sealant fills the entire volume of the joint. Immediately tool the joint with the spatula or trowel to effect total contact with joint surfaces. After application smooth and compress the sealant into the joint by using a spatula or putty knife moistened with cleaning solvent. Where masking tape has been employed to keep building surfaces clean it is advisable to remove it the moment the sealing has been complete.

Curing time

Full cure is normally obtained 3-4 weeks after application when complete solvent evaporation has taken place.

Cleaning

Tools and equipment should be cleaned with cleaning solvent.

Chemical resistance

Dilute acids	Resistant
Solvents	Not Resistant
Petroleum fuels	Not Resistant
Lubricants	Not Resistant

Estimation

- A. Joint depths should not exceed joint width
- B. Minimum joint widths 6mm
- C. Maximum joint widths- 40mm

Storage life

12 months in sealed undamaged containers when stored and dry conditions.

HEALTH & SAFETY

Contains petroleum distillate, flammable, keep away from open fire, sparks or other source of ignition. Wear protective clothing, gloves and goggles.

1. Fire-flammable when wet
2. Skin- Avoid repeated or prolonged contact.
Remove with hand cleaned that is able to remove oil or grease, then clean with soap and water.
3. Eyes- Contact could cause irritation. If contact occurs, flush with clean water
4. Inhalation-can cause dizziness. If difficulty in breathing persists. Administer oxygen.

TECHNICAL SERVICE

ROOFTEC offers a comprehensive range of products and services for most finishing needs.

Please contact the **ROOFTEC** Technical Department or your local

		Joint width mm							
		6	10	12	15	20	25	30	40
Joint Depth mm	6	27.7	16.6	13.8	11.1	8.3	6.6		
	8		12.5	10.4	8.3	6.2	5	4.1	
	10		10	8.3	6.6	5	4	3.3	2.5
	12			6.9	5.6	4.1	3.3	2.7	2.05
	15				4.4	3.3	2.6	2.2	1.6
	20					2.5	2	1.6	1.25
	25								

Coverage in linear meter per kg of **ROOFTEC Mastic – B**

ROOFTEC agent for further information, samples demonstrations and instructor services. The information given in this leaflet is based not only on work in our laboratories, but also on practical experience obtained during field work.

All products are sold subject to standard conditions of sale which are available on request.