



## ADHESIVES - ANCHORS - MASTICS

### Description

Dr. Fixit BI MASTIC is an elastic, one-component, modified silane thixotropic sealant and adhesive mastic for high performance bonding of Amphibia membrane overlap joints along with different materials, both indoors and outdoors, as a replacement or integration of mechanical fastenings.

### Areas of Application

- Bonding of the overlaps of Dr. Fixit AMPHIBIA membrane.
- Elastic bonding and sealing for indoor and outdoor applications, on a wide range of materials without using primers, such as aluminium, steel, zinc, copper, cement and derivatives, plaster, bricks, stone, ceramics, glass, wood and the like, some rubbers and plastics and/or synthetics.
- Fastening of thermal and acoustic panels, covering panels, plasterboard.
- To create joints and fittings between prefabricated elements.
- Bonding and assembly of thresholds and window sills, skirting.
- Sealing of fittings and details in basins and pools.

### Features and Benefits

- High thixotropy, adhesion and durability.
- Initial grip with "suction effect" and excellent final mechanical performance.
- Hygroscopic behaviour, cross-linked with environmental humidity.
- Also applicable on damp surfaces.
- Applicable on a wide range of surfaces, both absorbent and non-absorbent without the need for special pre-treatments.
- Does not generate corrosion if applied on metal surfaces.
- Can be painted with elastomeric paints.
- Free of solvents and isocyanates.
- Excellent resistant to UV, good resistance to ageing.
- Comfortable, quick and easy to use.

### Method of Application

- Clean the surfaces from any dust, loose parts, rust, oil, greases, release agents and any other material that could compromise the adhesion of BI MASTIC.
- Mount the cartridge on the appropriate unipack gun with specific nozzle and extrude a continuous curb of BI MASTIC, join the elements to be bonded by exerting pressure between them, if necessary using a rubber roller.
- It is recommended to extrude a double BI MASTIC curb in case of bonding between large elements.

### Precautions & Limitations

- Do not use on dusty or loose surfaces and on natural stone.
- Do not use on surfaces with presence of oils, greases, release agents which could affect adhesion. Do not use on bituminous, PE, PP, PA and PTFE (Teflon<sup>®</sup>) surfaces.
- For application on plastics, we recommend carrying out a preliminary test or contact the Dr. Fixit Technical Service.
- Do not apply on surfaces with pooled water or subject to rising damp.
- Do not apply if the temperature is lower than +5°C.
- Avoid contact of concentrated acids, petrol and solvents.
- Avoid contact with active chlorine concentrated solutions.
- The product polymerisation time may vary according to the curing thermohygro-metric conditions, quantity of sealant used and degree of absorbency of the surface.



- In case of bonding or sealing, with poor contact of BI MASTIC with air, apply a curb of product with a diameter not exceeding the nozzle diameter (5 mm)

### Technical Information

PROPERTY	VALUES	SPECIFICATION
Appearance	Visual	Extruding adhesive mastic
Application temperature		from +5°C to +40°C
Working temperature		from -40°C to +90°C
Specific weight	ASTM D 1475:2013	1.6 +/- 0.1 g/cc
Shore A hardness	ASTM D2240: 2015	> 30
Solid content	ASTM D 1644:2001	> 98 %

### Packing

Supplied in 600 ml sausage.

Consumption varies according to the type and method of bonding used, curb or points.

### Theoretical consumption

10 Rmt per sausage for 50 mm wide joints of Dr.Fixit Amphibia Membrane.

### Shelf Life & Storage

Shelf Life is 12 month. The products must be stored in a dry area protected from sunlight and humidity.

### Health & Safety

- It is recommended to use gloves while working.
- In case of accidental contact with skin or eyes, wash thoroughly with water and consult a doctor.

### Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



#### Pidilite Industries Limited

Construction Chemicals Division  
 Ramkrishna Mandir Road, Post Box No. 17411  
 Andheri (E) Mumbai 400059 INDIA  
 Tel +91-22-2835 7000 • Fax +91-22-2835 7008  
 www.drfixit.co.in • info.drfixit@pidilite.com  
 Dr. Fixit Advice Centre (Toll Free No.) 1800 209 5504

**DISCLAIMER** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.