

# BITUMASTIC

## DESCRIPTION

Bitumastic is a single component, ready to use, spatula or gun applied non slump sealant and is based on polymer modified bitumen with hydrocarbon solvent. It cures to form a seal with excellent adhesion to concrete, brickwork, asphalt and most construction materials.

## ADVANTAGES

- Good expansion and contraction properties
- Good mechanical properties, tensile strength, elongation and resistance
- Pliable and flexible
- Excellent adhesion and strong durable bond
- Stable at high ambient temperatures
- Excellent adhesion to most common substrate
- Single component, does not require mixing
- Resists oxidation

## USES

Bitumastic is ideally suited for sealing and filling gaps on roofs, pointing horizontal chases for waterproofing membranes and felts. Sealing around roof vent and service pipes. Pointing between brickwork and roof flashings. It can be used for sealing cracks in asphalt and felt roofing and as filler on horizontal joints in concrete and asphalt where movements are not expected.

## PROPERTIES

Service temperature limits	20 <sup>o</sup> C to 70 <sup>o</sup> C
Application temperature	10 <sup>o</sup> C to 55 <sup>o</sup> C
Specific gravity	1.05 at 25 <sup>o</sup> C
Solids content	> 70%
Flash point	65 <sup>o</sup> C
Slump	Nil
Initial set at 35 <sup>o</sup> C	3 hours
Full cure at 35 <sup>o</sup> C	3 weeks
Movement accommodation	Upto 7%

## PACKAGING

Bitumastic is available in 20 Kg pails and 200 Kg drums

## DIRECTIONS FOR USE

### Surface preparation

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

### Masking

Prior to application of primer and sealant, mask adjacent sides if joints to protect building surfaces.

### Priming

Under normal circumstances priming is not required. However, where surface is dusty, it is advisable to apply a coat of Bitukote Bitumen Primer.

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## APPLICATON

Bitumastic may be applied using spatula or trowel. Remove contents from the can and apply from bottom. Ensure that the 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 smoothen and press the sealant into the joint by using a spatula or putty knife moistened with cleaning solvent. Remove masking immediately after application of sealant.

Joint depth mm	Joint width mm							
	6	10	12	15	20	25	30	40
6	27.7	16.6	13.8	11.1	8.3	6.6		
8		12.5	10.4	8.3	6.2	5.0	4.1	
10		10	8.3	6.6	5.0	4.0	3.3	2.5
12			6.9	5.5	4.1	3.3	2.7	2.05
15				4.4	3.3	2.6	2.2	1.6
20					2.5	2.0	1.6	1.25

## CLEANING

Tools and equipment should be cleaned with leaning solvent.

## CHEMICAL RESISTANCE

Diluted acid : Resistant  
Solvents : Not resistant  
Petroleum fuels : Not resistant  
Lubricants : Not resistant

## SHELF LIFE

12 Months in sealed undamaged containers when stored in cool and dry conditions.

## HEALTH & SAFETY

Contains petroleum distillate, flammable, keep away from 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 cleaner that is able to remove oil or grease, and 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 symptoms persist, obtain medical advice.



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*Manufactured by*  
GULF MEMBRANE & COATING INDUSTRIES WLL  
P.O. Box 10266, Manama, Kingdom of Bahrain  
Tel : +973 17 770019, Fax : +973 17 774450  
Web site : [www.gmcibahrain.com](http://www.gmcibahrain.com)  
e-mail : [baderco@batelco.com.bh](mailto:baderco@batelco.com.bh)