



# MEGA BITU-MASTIC

COLD APPLIED JOINT SEALING COMPOUND FOR SEALING CONCRETE JOINTS

## PRODUCT DESCRIPTION

Bitu-Mastic is a bitumen rubber mastic joint sealer that only has one component. Once the sealant has dried, it creates a flexible and strong seal. It has excellent adhesion to asphalt, concrete, masonry, and the majority of substrates made of building materials. When applied to vertical surfaces, the mastic sealant modifies it self to create maximum bonding with the surface.



## PROPERTIES

- Flexible joint sealant
- Stability at high ambient temperatures
- Excellent adhesion, strong durable bond
- Single component

## USES

Bitu-Mastic is ideally suited for sealing, filling gaps, joints on roofs, and rigid pavements. Sealing around roof/wet service pipes. Pointing between brickwork and roof flashings. Sealing cracks in asphalt and concrete pavements. Filling horizontal joints in concrete and asphalt where movements are not expected.



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## METHODOLOGY

**Surface preparation:** Surface must be free from all dirt, dust and loose material. Any oil and grease contamination must be removed completely. The surface must be made dry prior to the application of the sealant.

**Masking:** Prior to application of sealant, apply masking tape to the adjacent sides of the joints for getting a neat finish and to avoid the spilling over of the sealant on the edges. Remove them at the moment the sealant filling is completed.

**Application:** The sealant can be applied by means of a spatula or trowel. As the product is solvented, it is recommended to mix the contents of the pail with a paddle mixer for a few minutes prior to the application to ensure a homogenous mix. Sealant application should start from the bottom of the joint/groove and continued to the top. Immediately tool the joint with the spatula or putty knife to smoothen and compress the sealant to effect total contact with joint surfaces. The putty knife shall be moistened with a cleaning solvent to prevent the sealant to adhere to the knife and ensuring a smooth and neat finish.

## CURING

The sealant cures on solvent release. The initial surface skinning will occur within 24-48 hour, however full cure depends on relative humidity. A 10mm depth of seal will typically cure within 3-4 days @23°C @50% RH.

## TECHNICAL DATA

PROPERTY	VALUE	TEST METHOD
Color	Black	-
Form	Paste	-
Solid content, [%]	>80	ASTM D 2939
Slump	Nil	-
Density, [g/cc]	1.1 ± 0.05	ASTM D 1475
Initial set @ standard condition, [hours]	24 -48	
Full cure @ standard condition, [days]	14-21 days (10mm)	
Chemical resistance	Sea water, chlorides and sulphate ions.	ASTM D 543
Service temperature, [°C]	0 to 80	
Application temperature, [°C]	5 to 40	

*All values given are subject to 5-10% tolerance*

*In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below. Our dedicated customer support team will be happy to assist you.*



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