

## Rubber Modified Bituminous Mastic Sealant

SEALFLEX BIT is a flexible and durable neutral cure bitumen sealant based on high-quality bituminous rubber which can be applied immediately (without heating), adheres to most common surfaces, even on wet surfaces and unlike any other mastic sealants such as silicone and polymer, can be gunned directly onto bitumen surfaces such as asphalt etc. Perfect for felt tucks and various roof applications, an ideal roof sealant against bitumen for leaks etc.

SEALFLEX BIT especially designed for roof waterproofing applications in combination with Torch On Membranes. These kind of sealants are mainly used for filling and sealing gaps between flashings, penetrations, etc. to assure the waterproof performance of the entire roof

### Advantages

- Good expansion and contraction properties.
- Good tensile strength & elongation.
- Watertight joint sealing, seams & connections of roof edges, chimneys, dome lights etc.
- Fixing of water outlets and gravel trap
- Adhesion of strips on edges of facades
- Stability at high ambient temperatures

### Application Field

For sealing of vertical or horizontal concrete joints, curtain-wall panels, tilt-up panels, window glazing, metal setting. Also, for all joint seal applications where a short curing period is required, such as expansion and contraction joints in shopping centers, sidewalks or any other traffic areas.

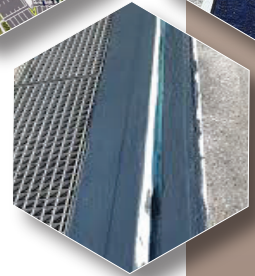
It will effectively prevent water from entering the sealed joints and thereby eliminate erosion of the soil underneath the slabs. Particularly areas which are in contact with water frequently, such as swimming pool decks and around planters must be protected. All coping joints and deck joints should be sealed. It's resistant to chemicals.

Joint Width(mm)	Sealant Depth(mm)
5-10	as joint width
11 -20	15
21 -25	12 -17

Sealant depth must never exceed joint width.

### Properties

Construction	One Part -Paste
Binders	Rubberized Bitumen
Expansion	+/- 25 to 50 % of original joint width
Solid content	80%
Setting time	24 to 48 Hrs @25°C
Cure time	2 Week @average temp
Colour	Black
Age Resistance	Excellent
Chemical resistance	Excellent to sea water, chlorides etc
Application temperature	5°C to 65°C
Operating temperature	-20°C to 60°C
Flashing Point	68°C
Consumption	10LM / 1KG for 10mmX 10mm Joint Size
Hardness shore A	45



engineered to perform

#### Instruction for use

Sealflex has excellent adhesion to most substrates used in construction, particularly concrete, mortar, block work, wood, anodized bronze. It also bonds very well to some painted surfaces, but it is advisable to carry out a site trail first to assess the suitability of the particular coating in question.

**Joint Preparation:** Joint surface must be clean and dry remove all dust and laitance by grit blasting, grinding or rigorous wire brushing. Blow all joints clean using dry, oil free compressed air. All curing compounds, grease, waterproofing compounds etc must be removed. Polyurethane rod or polyurethane foam is recommended as a joint-filler and backup material. Fillers treatment with bituminous products, grease or oil should not be used. Where present, they must be removed or separated by vinyl tape or polyethylene film.

Where necessary to achieve the correct joint profile, backing cord should be used. Where backing cord is not used place bonding tape in the base of joint.

Where a neat finish is required, masking tape should be applied down each side of the joint prior to the sealant works, it should be removed immediately after tooling the sealant.

#### Priming

Priming is not generally required with this material, when using in dry, sound, well prepared joints or which have been reformed using resin based mortar. For further assistance, consult with the technical team of ORGANIX. It is recommended to apply one coat of DRYPRIME SB .

**Application:** Apply by spatula or trowel. Sealant application should start from the bottom of the joint or groove and continued to the top. Press firmly into joint using a trowel or putty knife to insure good contact.

#### Maintenance

If the sealant or system is damaged and the bond is intact, cut out the damaged area and replace.

#### Packing

Available SIZES:

- (1) Pore grade: 4 Liter
- (2) Gun grade: 2.5 Liter

#### Storage:

SEALFLEX has a shelf life of twelve months from date of manufacture when stored in the original unopened container in dry, shaded conditions.

#### Technical Support

OBS representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance contact ORGANIX tech.support.

#### HEALTH AND SAFETY

Wear protective clothing, gloves and goggles.

**Skin:-** Avoid repeated or prolonged contact, if contact occurs ,clean with hand cleaner that removes oil or grease, then clean with soap and water. **Eyes :-** Contact could cause irritation. If contact occurs, flush with clean water. **Inhalation:-**Can cause dizziness. Remove to fresh air and if breathing difficulty persists, administer oxygen.

