

# ADVABITUMASTIC SEALANT

## Bitumen Rubber Mastic Sealant

DATASHEET

### DESCRIPTION

ADVABITUMASTIC SEALANT is a single component, solvent based bitumen rubber mastic joint sealant. The sealant on curing forms a tough and flexible seal. It has excellent adhesion to concrete, brickwork, asphalt and most construction material substrates. The mastic sealant is thixotropic and slump free when applied on vertical areas.

### USES

ADVABITUMASTIC SEALANT is ideally suited for;

- Sealing and filling gaps and joints on roofs.
- Pointing horizontal chases for waterproofing membrane and felts.
- Sealing around roof flashings.
- Sealing cracks in asphalt and concrete pavements.
- Filling horizontal joints in concrete and asphalt where movement are not expected.

### ADVANTAGES

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

### CURING TIME

The sealant cures on solvent release. The initial surface skinning will occur within 24-48 hours. A 10mm depth of seal will typically cure within 10-21 days @ 23°C @ 50% RH.

### APPLICATION

#### SURFACE PREPARATION

The 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 primer and 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.

#### PRIMING

Under normal circumstances priming is not required. However, for very dry and porous surfaces, or when used in immersed conditions it is recommended to apply one coat of a solvent based bitumen primer (Advaprim Solvent D-41). Apply the sealant while the primer is tacky.

### APPLICATION

The sealant can be applied by means of hand, spatula or trowel. 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 surface. The equipment should be moistened with solvent to prevent the sealant adhering to the knife and ensuring a smooth and neat finish. Where masking tape has been employed to keep building surface clean, it is advisable to remove it immediately after tooling.

### HEALTH & SAFETY

- Wear protective clothing, rubber gloves, mask and safety goggles.
- Skin - avoid repeated or prolonged contact. Remove bitumen stains with a suitable cleaner that is able to remove oil or grease then clean with soap and water.
- Eyes - contact could cause irritation. Flush with copious amount of clean water.

### CLEANING

Tools and equipment should be cleaned immediately after use with a cleaning solvent. Hardened materials can be cleaned mechanically only.

### STORAGE

The pails must be stored in a covered, dry and shaded area, away from direct sunlight, UV and other source of heat and protected from extreme temperatures.

### SHELF LIFE

The shelf life of the product is up to 12 months if stored as per the recommendations. Excessive exposure to sunlight and UV will result in the deterioration of the quality of the product and reduce its shelf life.

### PACKING

Available in 20kg/pail

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## TECHNICAL SPECIFICATIONS

Color	Black
Form	Paste
Solid Content (ASTM D 2369)	>85%
Slump	Nil
Density (ASTM 1475)	1.5 ± 0.05 g/cc
Full cure @ standard condition	10 - 21 days (10mm)
Chemical Resistance (ASTM D 870-15)	Sea water, chlorides and sulphate ions
Service temp	0°C to 80°C
Application temp	5°C to 40°C
Elongation (ASTM D412-16)	600%
Joint movement accommodation (ASTM C719-14)	25%

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions etc.



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