



tradition • innovation • quality

a.b.e.® Construction Chemicals

# bitu.seal plastic

how to with a.b.e.®

## GENERAL PURPOSE BITUMEN MASTIC



Broken tiles



Roof laps and  
roof screws



Gutters

### DESCRIPTION

**bitu.seal plastic** is a hydrocarbon solvent based, asbestos-free, reinforced bituminous mastic.

### USES

- Heavy duty bitumen mastic sealer and repair compound.
- May be used to seal most roofing defects: sheeting overlaps, valleys, gutters, downpipes and enlarged screw holes.
- To repair roof cracks, flashings, cracked roof tiles and patch repair to roofs.

### ADVANTAGES

- Economical waterproofing compound.
- Easy to apply.
- May be overcoated.

#### PROPERTIES

Density	1.25 to 1.27 kg/L
Finish	Matt
Flash point	30 °C

#### PROPERTIES DURING APPLICATION

Volume solids	75%
Dilution	Do not dilute
Drying time @ 25 °C	Touch dry: 12 hrs

### COLOUR

Black.

### MIXING

Stir well before use.

#### TYPICAL PHYSICAL PROPERTIES OF DRIED FILM

Water tainting	No tainting once skin has formed
Solvent resistance	Not resistant
Chemical resistance	Resists: 10% Hydrochloric acid 10% Sulphuric acid 10% Phosphoric acid 40% Caustic soda

### SURFACE PREPARATION

All surfaces to be clean, dry, sound, free of all laitance, grease, oil, fungal growth and loose and flaking particles.

### BONDING/PRIMING

Prime with a coat of **bitu.seal plastic**, which should be allowed to dry prior to the application of **bitu.seal plastic**, except for steel which must be coated with a suitable anti-corrosion primer like **abe® 4-metal primer**.

### COVERAGE

Application thickness: As needed up to 30 mm. Practical coverage for estimating purposes: Full overlap and screw head treatment on corrugated iron roof 150 mm wide roof flashing – 1 L/2.2 m run. In general – 1 L/m<sup>2</sup> per mm thickness.

### APPLICATION

**bitu.seal plastic** may be applied by trowel, putty knife, extrusion gun or gloved hand. **bitu.seal plastic** can be used in conjunction with glass fibre membrane. The membrane must be set into the still wet film of **bitu.seal plastic**.

### CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

### PROTECTION/MAINTENANCE ON COMPLETION

Where the **bitu.seal plastic** is to be exposed to the effects of sunlight and ultra-violet radiation, it is recommended that 3 – 4 weeks after being applied, it may be coated with **abe® silvakote**.

### PACKAGING

1 L, 5 L, 25 L containers.

### HANDLING AND STORAGE

Shelf life of 24 months, but shorter if in extreme conditions. Keep tightly sealed in a dry cool place in the original packaging.

### CAUTION

Application temperature: 5 °C to 40 °C, but warm material to at least 10 °C for ease of use.