



tradition • innovation • quality

DO-IT-YOURSELF

a.b.e.® Construction Chemicals

bitu.®seal plastic

## GENERAL PURPOSE BITUMEN MASTIC



BROKEN TILES



ROOF LAPS &  
ROOF SCREWS



GUTTERS

WATERPROOFING

### 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

### 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/m² 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**.

### COLOUR

BLACK

## 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 & 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.

## HEALTH & SAFETY

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.® Construction Chemicals** branch.



a.b.e.® is an ISO 9001:2008 registered company  
PO Box 5100, Boksburg North, 1461, South Africa  
Website: [www.abe.co.za](http://www.abe.co.za) | Tel: +27(0) 11 306 9000  
Durban | Johannesburg | Cape Town | Port Elizabeth | East London | Bloemfontein | George

a.b.e.® is a Chryso Group Company



DATE UPDATED: 01/03/16