

## High build bitumen emulsion coating and curing compound

### Product Description

TAL SBE is a solvent free bitumen emulsion containing wetting and thixotropic agents.

It is supplied in two grades:

- Standard: For use on horizontal surfaces and slopes up to 45° (ASTM D1227, Type III, Class 1)
- Fiber Reinforced: For use on vertical surfaces and on slopes above 45° (ASTM D1227, Type II, Class 1)

### Advantages

- Easy to apply
- Cost effective
- Solvent free
- High build
- Environmentally friendly
- Resists chloride and sulfate penetration

### Uses

- Damp proof membrane
- Vapour seal
- Below grade concrete protection
- Behind facade concrete and masonry protection
- Foundation coating
- Curing membrane

### Standards Compliance

ASTM C309  
ASTM D1227

### Service Temperature

10°C - 85°C

### Colour

Black.

### Theoretical Coverage

Standard grade: 1.1 liter per m<sup>2</sup> for 600 microns dry film.  
Fiber reinforced grade: 1.3 liter per m<sup>2</sup> for 700 microns dry film.  
Actual coverage will vary with surface profile.

### Packaging

20 and 200 liter drums.

### Shelf Life

12 months when stored between 5°C - 40°C under shade in a dry environment.

### Installation Guidelines

#### Surface Preparation

All surfaces to be treated should be clean and free from any contamination or surface water. Hot and porous substrates should be primed with a primer coat of 1:1 by volume of TAL SBE (see separate datasheet) and potable water. Apply to the substrate and allow to absorb and dry before application of undiluted TAL SBE.

#### Application

TAL SBE Membrane can be applied by brush, squeegee or airless spray. Stir well prior to use. It is recommended that one or two coats should be applied depending on the degree of protection required. Allow a minimum of 2 hours drying time between coats.

For vertical applications, ensure that no sagging occurs. For multiple coat applications, the second coat should be applied at right angles to the first. All applications should be continued up verticals to the existing damp proof course. Ensure that the membrane is not damaged during subsequent applications.

Where TAL SBE Membrane is to receive a screed, two coats should be applied. The second coat should be blinded with clean, dry sharp sand immediately after application. The excess sand should be brushed off when the coating has dried.

#### Clean Up

Clean tools and equipment with water while still wet. Once dry, remove mechanically or using a suitable solvent.

#### Limitations

Do not expose to sunlight for long periods.  
Do not apply at temperatures below 5°C or above 45°C.  
Do not add solvent.  
Avoid skin contact.  
Do not discard into the water system.

