



VOLSEAL 100®

BITUMINOUS POLYMER-MODIFIED LIQUID MEMBRANE

DESCRIPTION

Volseal 100 is a liquid-applied, synthetically modified high performance bituminous solution.

APPLICATIONS

Volseal 100 is used to form a waterproofing sandwich membrane for above and below ground concrete, brickwork, and blockwork.

- Roofs (non-exposed)
- Bathrooms, Kitchens & Shower Areas
- Floor Slabs
- Basements
- Swimming Pools
- Planter Boxes
- Roof Gardens
- Tunnels
- Bridge Abutments

ADVANTAGES

- Simple and rapid application.
- Overcoat in 8 – 12 hours in ventilated conditions.
- Can be applied to surface dry and green concrete, without primer.
- Tins can be opened and re-sealed with no skinning inside the can.

DURABILITY

Volseal 100 is immediately impervious to water and when fully protected by Protection Board under

normal site conditions, will provide an effective barrier to the transmission of liquid water and water vapour for the design life of the structure in which it is incorporated.

The product offers levels of protection required for below ground structures described in BS 8102:1990, grades 1, 2, 3 and 4.

INSTALLATION

Preparation

New concrete, screed or render should have a brushed or wood float finish, and should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods. Protrusions greater than 3mm should be removed.

Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate. Brickwork, blockwork and masonry should be flush pointed. All substrates should be dry and application must take place during periods free of precipitation.

Application

Apply using a wide nylon brush, sheepskin disposable rollers or airless spray. The product is always applied in 2 equal coats, allowing the first coat to dry fully before a second coat or protection is applied. Normal recoat time is 8 to 12 hours.

Protection



