



# Sealex

Waterproofing Systems, Sealers & Sealants

## TYPICAL MEMBRANE APPLICATION SHEET No.3BG

F

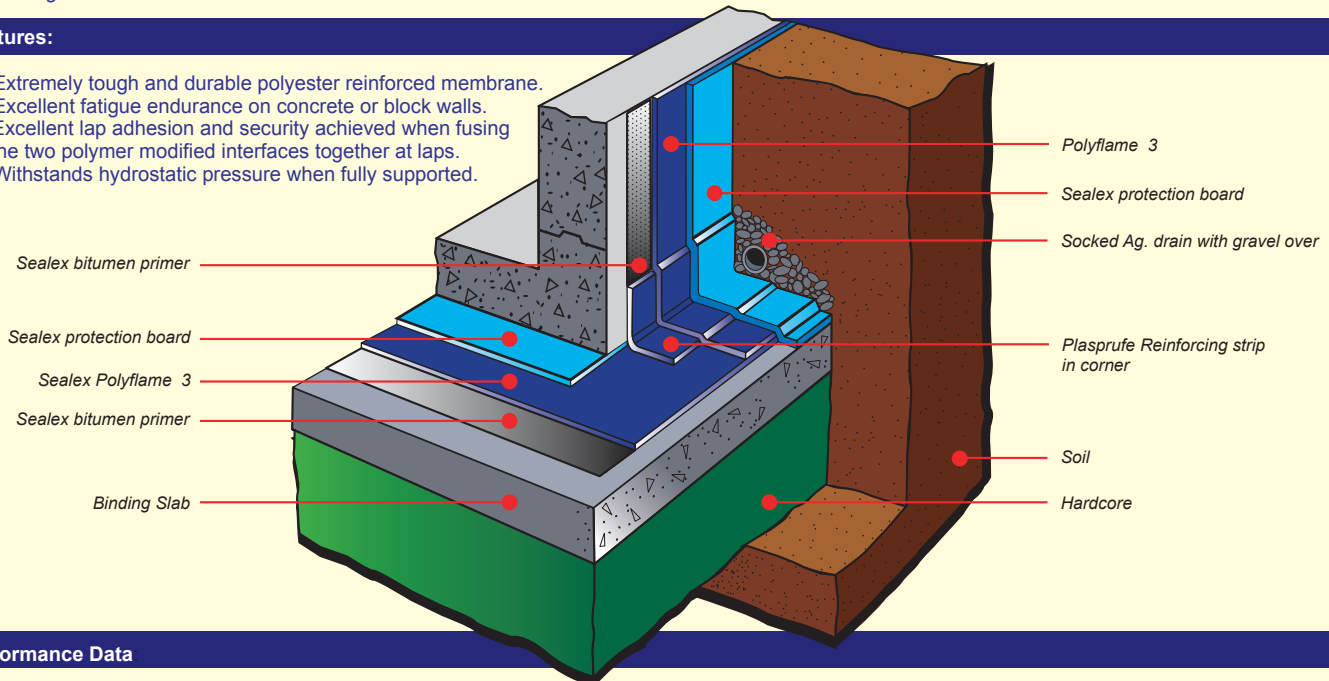
### Polyflame No.3 BELOW GROUND WATERPROOFING SYSTEM

#### Description:

A heavy duty single layer heat activated basement waterproofing membrane which requires protection board prior to overlaying with concrete or back filling.

#### Features:

- (a) Extremely tough and durable polyester reinforced membrane.
- (b) Excellent fatigue endurance on concrete or block walls.
- (c) Excellent lap adhesion and security achieved when fusing the two polymer modified interfaces together at laps.
- (d) Withstands hydrostatic pressure when fully supported.



#### Performance Data

|                              |       |
|------------------------------|-------|
| (a) Fatigue Endurance Index: | : 380 |
| (b) System Cost Index:       | : 27  |
| (c) Performance Cost Ratio:  | : 140 |

#### Substrates

- (a) Concrete walls floors and blinding slabs.
- (b) Compressed fibre cement sheets as fully supported formwork.
- (c) Block and brick masonry with joints struck smooth.

#### Typical Applications

- (a) Basements---both habitable and nonhabitable.
- (b) Underground railway stations and tunnels.
- (c) Vehicular and pedestrian tunnels.

#### Draft Specification

The waterproofing membrane is to be a single layer Sealex Polyflame 3 system as supplied by Sealex Industries phone 1300 555 955. The membrane system is to be applied to the substrate in accordance with the manufacturer's printed instructions. Before laying membrane, prime area with Sealex Bitumen Primer at the rate of 4-6 sq.m/litre and allow to dry. The Polyflame 3 is to be fully bonded to the primed substrate by torch application and laps are also to be fused together by means of a gas torch. All laps are to be 100mm wide and staggered relative to each other. Where the vertical sheets terminate, the uppermost edge should be mechanically fixed with a pressure seal termination bar or be turned and sealed into a chase. The Sealex Protection Board is to fully cover the Polyflame 3 membrane with continuously taped butt joints.

#### Sealex Industries

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# Sealex

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**TYPICAL MEMBRANE APPLICATION SHEET No. PU213/BG**

**F**

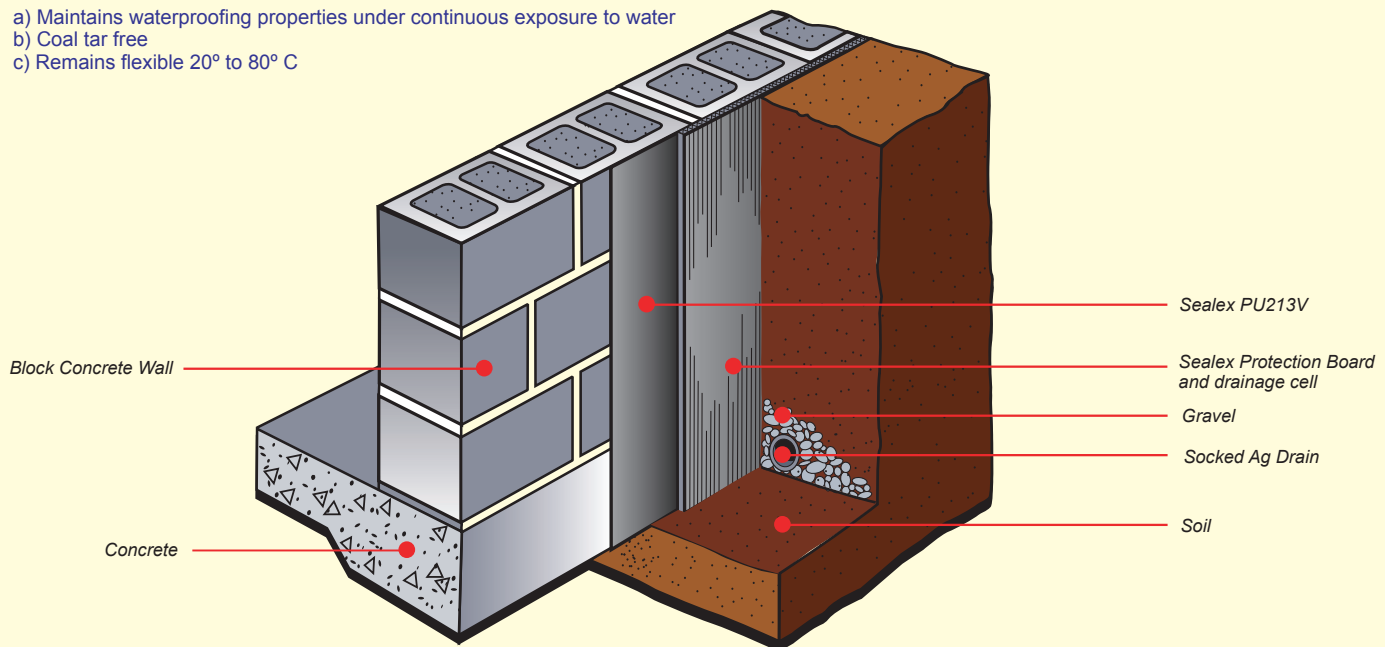
## Sealex PU213-V BELOW GROUND WATERPROOFING SYSTEM

### Description:

A liquid applied single component moisture cured polyurethane coating designed to form a seamless flexible rubber Membrane impervious to moisture.

### Features:

- a) Maintains waterproofing properties under continuous exposure to water
- b) Coal tar free
- c) Remains flexible 20° to 80° C



### Performance Data

- a) Elongation : 700%
- b) Low temperature flexibility : - 20°C

### Substrates:

- a) Concrete
- b) Compressed fibre cement sheets
- c) Timber
- d) Blockwork

### Typical Uses:

- a) Basement car park walls
- b) Retaining walls and structures
- c) Foundation coatings

### Draft Specifications:

The waterproofing membrane is to be Sealex PU213-V Polyurethane System as supplied by Sealex Industries 1300 555 955. The PU213-V is to be applied to the substrate in accordance with the manufacturers recommendations.

### Sealex Industries

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