

## Ivoflex Acrylic Waterproofing System

### Description

An aqueous acrylic mastic reinforced with a non woven membrane forming a durable flexible laminate which will bridge cracks and conform to any contour or shape.

### Uses

- Waterproofing of concrete roofs and parapet walls.
- Over coating and waterproofing of mastic asphalt roofs.
- Waterproofing of laps, joints and fasteners on asbestos and metal roof sheeting.
- Protection and vapour sealing of foamed thermal insulation.

### Benefits

- Adhesion - positive adhesion prevents water creep at any fractures, which may occur to the laminate.
- Durability - specialised polymers ensure excellent U.V. resistance and resistance to embrittlement.
- Flexibility & Strength - inherent flexibility combined with multi-directional strength of reinforcing ensure durable long life waterproofing.
- Resistance - excellent resistance to acidic industrial fallout.
- Easy to use - can be applied by un-skilled persons providing application instructions are adhered to.
- Ease of maintenance - any accidental damage to the Ivoflex system can be rapidly repaired by means of a patch.

### Maintenance Coat

After a 5 to 10 year exposure period the Ivoflex system can be rejuvenated to considerably extend its life by applying two coats of Ivoflex H.V. to a total application rate of 1ℓ/m<sup>2</sup>.

### Technical Evaluation

A ten (10) year evaluation report compiled by the C.S.I.R. is available on request.

### Application of Ivoflex Waterproofing System

- Prepare to clean, dry, smooth substrate filling any cracks, holes or hollows with a suitable grout such as Ivory 129 polymer mortar.
- Apply Ivoseal primer at 5m<sup>2</sup>/ℓ, allowing 2 - 4 hours drying. For galvanised or aluminium surfaces prime with Ivocryl Straw Primer at 5 – 6m<sup>2</sup>/ℓ.
- Apply Ivoflex PC at 2m<sup>2</sup>/ℓ and immediately lay into wet compound a geo-textile reinforcing membrane rolling well to remove any entrapped air before completely saturating membrane with further application of Ivoflex PC at 1m<sup>2</sup>/ℓ. All joints to be overlapped by 75mm with special attention being taken to ensure complete saturation. Allow to cure for 18 hours or longer dependant on atmospheric conditions.
- Apply one or more finish coats of Ivoflex H.V. to completely obliterate the reinforcing profile with a total application of Ivoflex H.V. of 2m<sup>2</sup>/ℓ.

### Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.