



Sealex

Waterproofing Systems, Sealers & Sealants

TYPICAL MEMBRANE APPLICATION SHEET No.PU513/UV



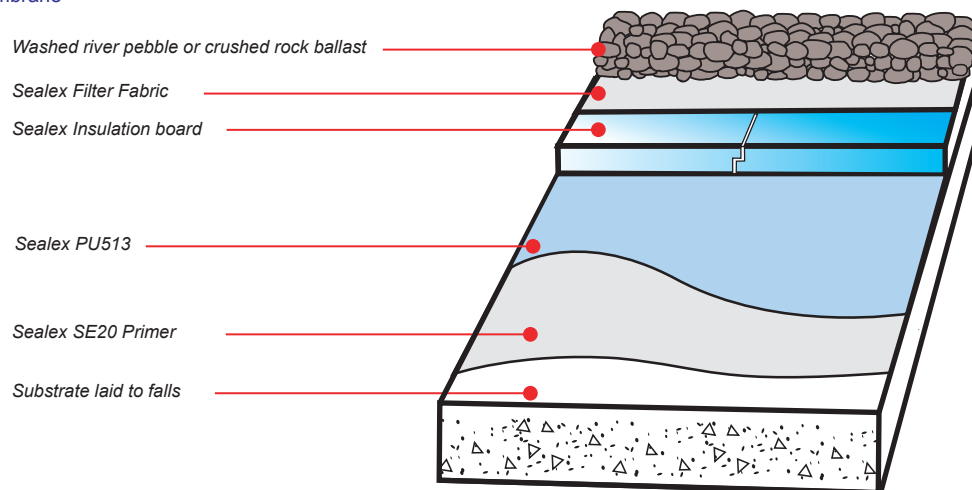
Sealex PU513 ONE PART POLYURETHANE

Description:

Flexible, UV Stable, Moisture cured polyurethane membrane suitable for use on roofs and light foot traffic roofs

Features:

- a) Low V.O.C
- b) Quick Drying
- c) High Flexural & Tensile Strength
- d) 10 Year Warranty
- e) UV stable
- f) Chemical resistant
- g) Seamless Membrane



Typical Uses:

- a) Terrace Roofs & Balconies
- b) Under tile applications
- c) Retaining Walls
- d) Basements

Draft Specifications:

The Waterproofing Specification is to be Sealex PU513 membrane system incorporating Sealex PJS 600 bond breaker sealant at floor and wall junctions as supplied by Sealex Industries 1300 555 955. The membrane system is to be applied to the substrate in accordance with the manufacturer's printed recommendations and Australian Standard AS3740 - 2004.

Sealex Industries

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TYPICAL MEMBRANE APPLICATION SHEET No.33IB



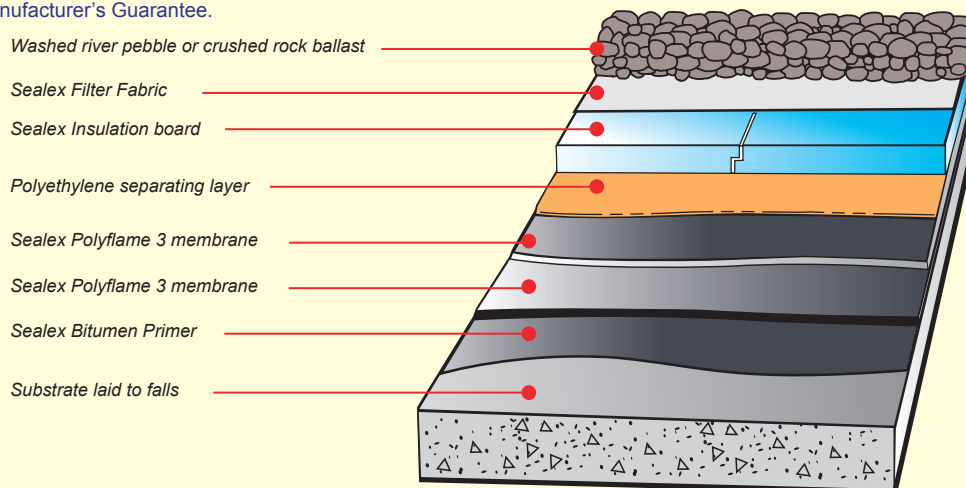
Polyflame No.33 2 LAYER SHEET MEMBRANE WITH INSULATION AND BALLAST LAID OVER

Description:

A quality two layer Atactic Polypropylene modified bituminous torch-on membrane system with a polyester reinforced top layer and polyester reinforced underlayer. Not recommended for application to combustible substrates such as timber decking.

Features:

- (a) High fatigue endurance over concrete decks.
- (b) Problems due to lap failure greatly reduced by the use of two layers.
- (c) Two polyester reinforcing mats give high puncture resistance.
- (d) Approximately 7 mm overall thickness gives added puncture and abrasion resistance.
- (e) Covered by Manufacturer's Guarantee.



Performance Data

(a) Fatigue Endurance Index:	: 450
(b) System Cost Index:	: 39
(c) Performance Cost Ratio:	: 115

Substrates

(a) Concrete decks to falls (b) Compressed fibre cement sheets to falls.

Substrate Falls

Recommended 1:60, minimum 1:80

Surfacing Materials

Washed river pebbles or crushed rock on Sealex Filter Fabric on Sealex Insulation Board on polyethylene separating layer with 150mm laps at joints.

Draft Specification

The waterproofing membrane is to be a 2-layer Sealex Polyflame 33IB built-up 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 recommendations. Before laying membrane, prime concrete deck with Sealex Bitumen Primer at the rate of 5 sq.m. per litre and allow to dry. The Polyflame underlayer, is to be fully torch bonded to the horizontal areas of the primed deck using an LP Gas torch. The top layer, Polyflame 3, is to be fully torch bonded to the underlayer by the same method. All side laps are to run parallel with the roof slope. Side laps in both layers are to be 75mm minimum and end laps 100mm minimum. Laps in the top layer are to be staggered between those of the underlayer. Upstands in each layer are to be formed using separate apron pieces with laps staggered. Upstands exposed to U.V. light are to have a top layer of Polyflame Slate or be protected by metal overflashings or other suitable solar protective finish. Penetration details are to be formed in accordance with manufacturer's instructions.

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