



Sealex

Waterproofing Systems, Sealers & Sealants

TYPICAL MEMBRANE APPLICATION SHEET No.PU-10/UV

B

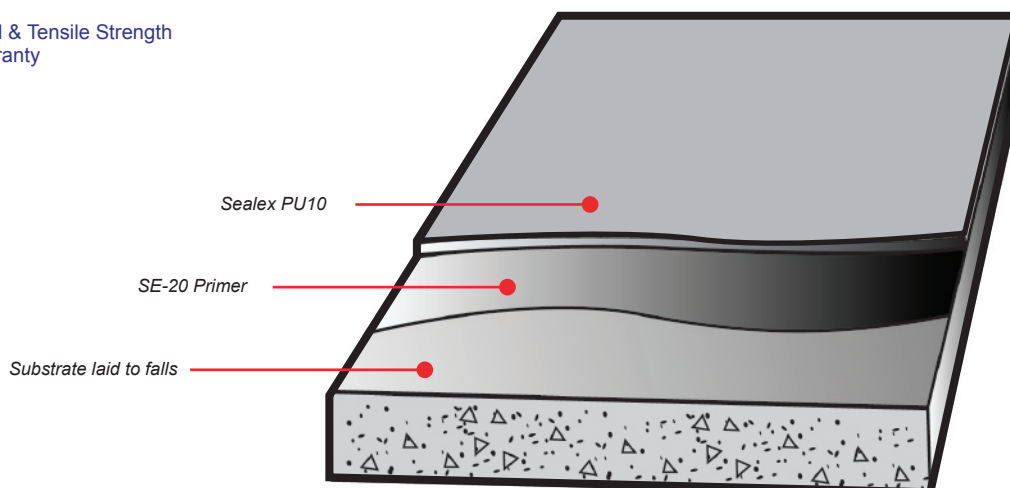
Sealex PU-10 ELASTOMERIC LIQUID MEMBRANE UV STABLE

Description:

Flexible, UV Stable, water based polyurethane membrane suitable for use on roofs and balconies and wet areas

Features:

- a) Non Toxic and Non Flammable
- b) Quick Drying
- c) High Flexural & Tensile Strength
- d) 10 Year Warranty
- e) UV stable



Typical Uses:

- a) Terrace Roofs & Balconies
- b) Under tile applications
- c) Wet areas

Draft Specifications:

The Waterproofing Specification is to be Sealex PU-10 membrane system incorporating Sealex PJS 600 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

PO Box 7140, Penrith NSW 2750
Fax: 1300 855 598
info@sealex.com.au

Ph: 1300 555 955



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TYPICAL MEMBRANE APPLICATION SHEET No.PU513/3/UV

B

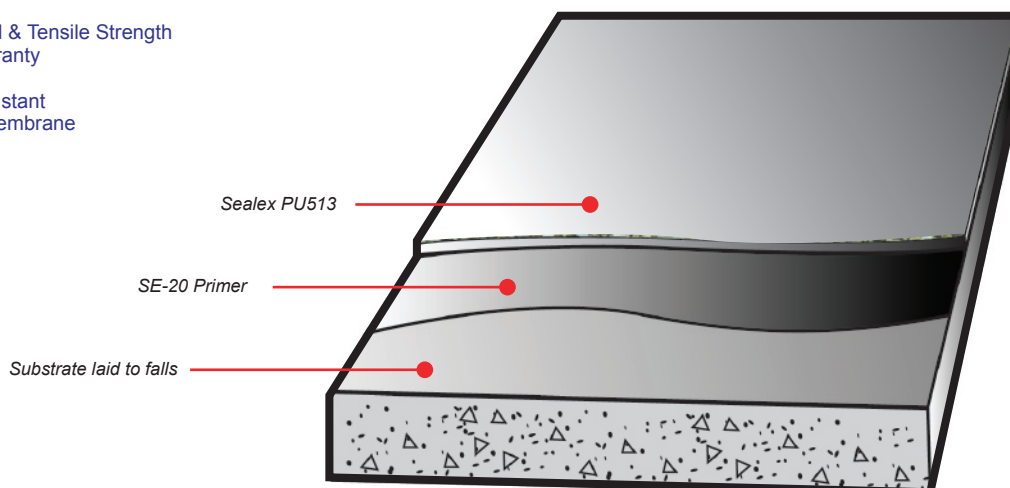
Sealex PU513 ONE PART POLYURETHANE

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.

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TYPICAL MEMBRANE APPLICATION SHEET No.34S/E

B

Addesso 34S

MEMBRANE SYSTEM WITH EXPOSED TOP SURFACE

Description:

A quality two layer Atactic Polypropylene modified bituminous torch-on membrane system with a polyester reinforced, top layer finished with green slate chips and a polyester reinforced underlayer. May be fully torched to cementitious substrates provided they are dry. Not recommended for application to combustible substrates such as timber decking.

Features:

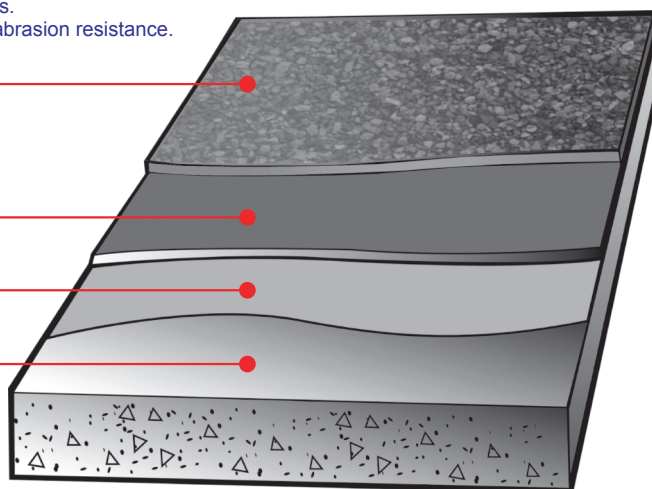
- (a) Good fatigue endurance over concrete decks.
- (b) Problems due to lap failure greatly reduced by the use of two layers.
- (c) Approximately 8.0 mm overall thickness gives good puncture and abrasion resistance.
- (d) Covered by Manufacturer's Guarantee.

Addesso 4 Slate Surfaced Roofing

Polyflame 3 membrane

Sealex Bitumen Primer

Substrate laid to falls



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.

Roof Pitch

Recommended 1:60, minimum 1:80

Surface Finish

Factory applied slate chips; optional additional treatment of two coats of acrylic roof dressing of approved colour

Draft Specification

The waterproofing membrane is to be a 2-layer Sealex Polyflame No.34S 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 5sq.m. per litre and allow to dry. The Polyflame underlay is to be fully torch bonded to the horizontal areas of the primed deck using an LP Gas torch. The second layer, Polyflame APP Slate, is to be fully torch bonded to the first layer 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 second layer are to be staggered between those of the first layer. Upstands in each layer are to be formed using separate apron pieces with laps staggered. Penetration details are to be formed in accordance with manufacturer's instructions. Optional Colour Coating: On completion of all membrane work apply, over the whole membrane area including turn-ups, two coats of Sealex 100 acrylic roof dressing of approved colour.

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TYPICAL MEMBRANE APPLICATION SHEET No.04S

B

Bitufa Plus 04S

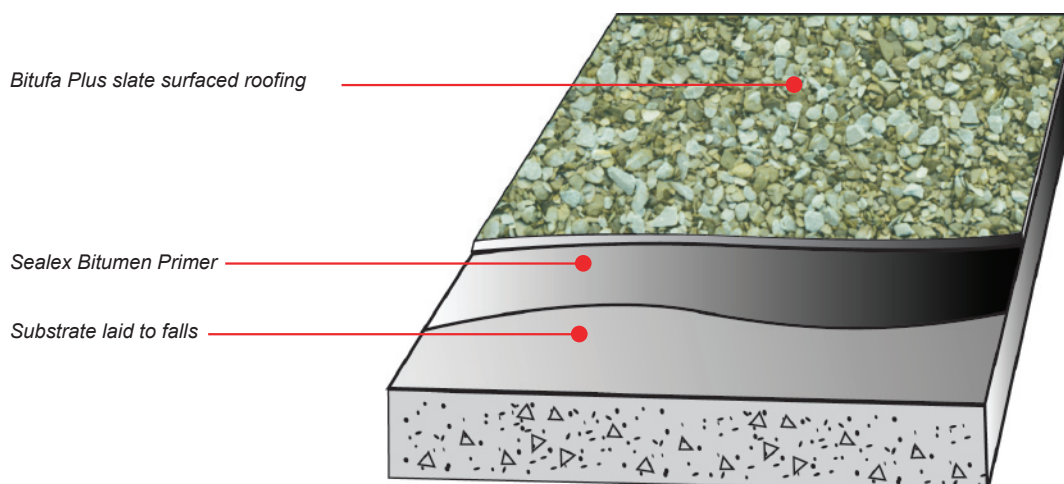
PREMIUM SHEET MEMBRANE WITH TOP SURFACE LEFT EXPOSED

Applications:

Flat roofs incorporating a single layer sheet applied waterproof membrane with its top surface left exposed.

System Description:

Bitufa Plus homogeneous, self healing, SBS modified bitumen torch applied sheet membrane, with grey slate chip finished top surface left exposed.



Membrane Features:

- | | | |
|----------------------------------------|---------------------------------------------------|--------------------------------------------|
| a) High fatigue endurance | e) 1000% stretch - Unreinforced Flexobit membrane | i) Laps can be welded with hot air welders |
| b) 50% more SBS than Standard Membrane | f) No added oils or fillers | |
| c) Self healing | g) 20 years manufacturers guarantee | |
| d) Homogeneous welded laps | h) Perfect adhesion due to high content of SBS | |

System Components:

- a) Bitufa Plus for upstands and main areas
- b) Flexobit for detail work
- c) UFO's for outlets and vents

Substrates:

- a) Concrete decks laid to falls
- b) Fibrecement decks laid to falls
- c) Timber decks laid to falls (use hot air gun only, not LPGas torch)

Roof Pitch:

Recommended 1:60, minimum 1:80

Surface Finish:

Factory applied light grey slate chips

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TYPICAL MEMBRANE APPLICATION SHEET No.04S

B

BitufaPlus 04S

PREMIUM SHEET MEMBRANE WITH TOP SURFACE LEFT EXPOSED

Draft Membrane Specifications:

The waterproof membrane to the exposed roof areas is to be the Bitufa Plus 04S torch applied sheet membrane systems supplied by Sealex Industries, phone 1300 555 955. The Bitufa Plus membrane is to be used in accordance with manufacturers written instructions. Before commencing membrane installation, the surface is to be thoroughly prepared so as to be dry, clean, smooth, firm, continuous and free of matter likely to impair the adhesion of the membrane. Where the deck has become contaminated by traffic from other trades, or where there is a possibility of residues of membrane curing compounds remaining on the surface, the deck should be carefully abrasive or water blasted and, as necessary, allowed to dry.

Before laying Bitufa membrane, prime concrete and fibre cement decks with Sealex Bitumen Primer at the rate of 5sq.m. per litre and allow to dry. The Bitufa Plus 04S membrane is to be torched to the horizontal areas of the primed deck using an LPGas torch or hot air gun applied to the underside of the roll and continuously along the overlap edges.

The membrane sheets are to be positioned so that all side laps run parallel to the roof slope. Laying is to commence at the lowest point in cross falls so that all laps run with the falls in shingle fashion. Adjacent end laps are to be staggered so as not to coincide with one another. Side laps are to be 75mm minimum and end laps 100mm minimum.

After laying the Bitufa Plus to the horizontal areas of the deck, form upstands using separate apron pieces of slate surfaced Bitufa Flexowall membrane with laps staggered. After detailing all upstands, use slate surfaced Bitufa Flexobit to detail all corners and penetrations. Use slate surfaced Bitufa Flexobit UFO's to detail cast-in outlets and vents. Cast-in outlets are to be detailed before commencing to lay horizontal membrane areas.



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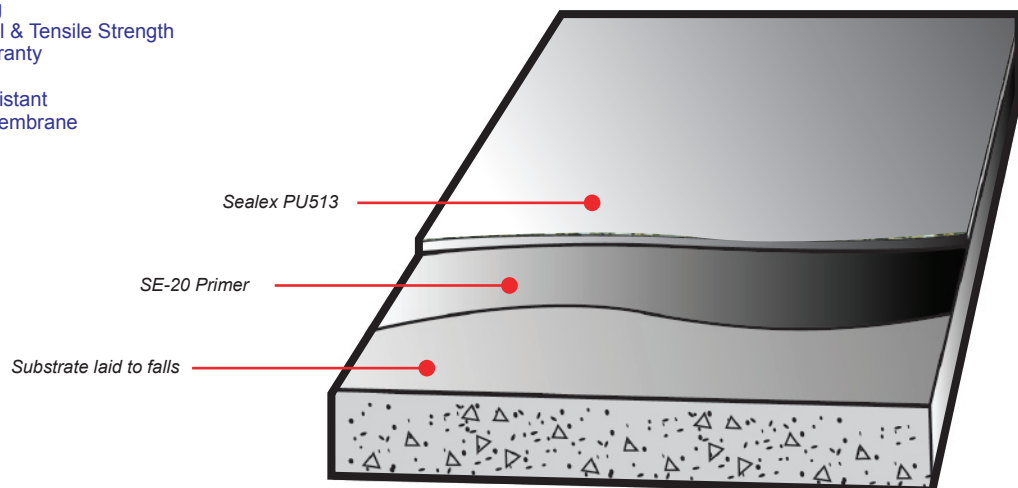
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