



Sealex

Waterproofing Systems, Sealers & Sealants

TYPICAL MEMBRANE APPLICATION SHEET No.33A

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Polyflame No.33A

2 LAYER ANTIROOT SHEET MEMBRANE WITH ROOF GARDEN LAID OVER

Description:

A quality two layer, Atactic Polypropylene modified bituminous torch-on membrane system with a polyester reinforced, Antiroot top layer and a polyester reinforced, underlayer.

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 reinforced layers give high puncture resistance.
- (d) Approximately 7 mm overall thickness gives added puncture and abrasion resistance.
- (e) Enhanced resistance to root penetration.
- (f) Covered by Manufacturer's Guarantee.

Sealex No.22 extruded aluminium skirt flashing fixed at 300mm centres

Sealex No.14 Filter Fabric

Sealex draining cell

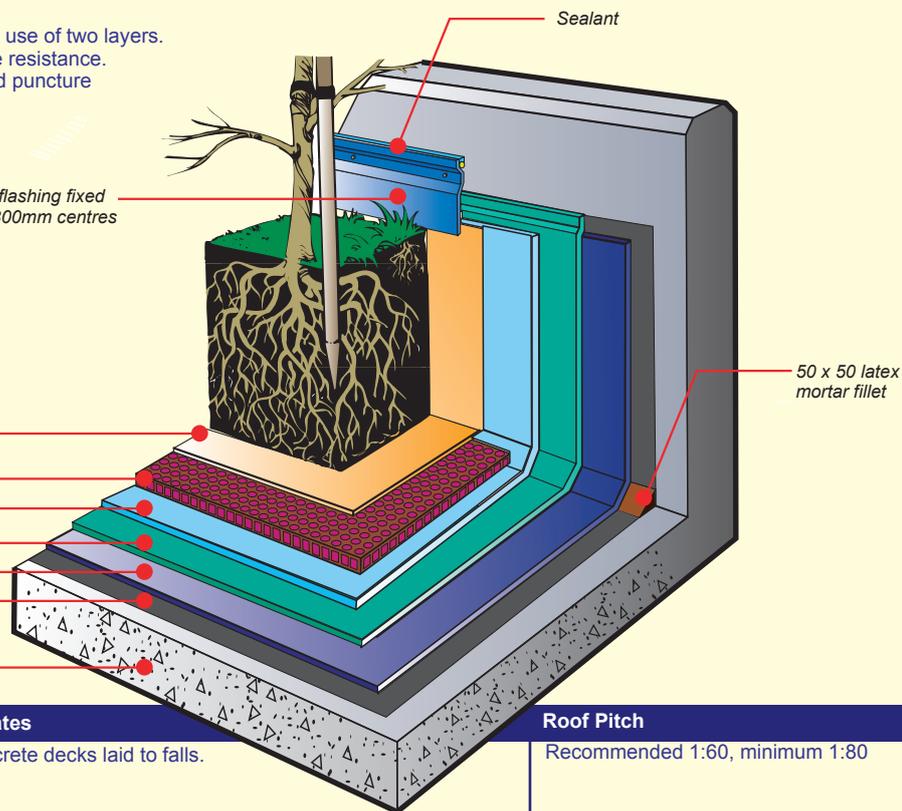
Sealex protection board

Sealex Polyflame garden membrane

Sealex Polyflame 3 membrane

Sealex Bitumen Primer

Concrete deck laid to falls



Performance Data

(a) Fatigue Endurance Index: : 490
 (b) System Cost Index: : 45
 (c) Performance Cost Ratio: : 109

Substrates

(a) Concrete decks laid to falls.

Roof Pitch

Recommended 1:60, minimum 1:80

Surfacing Materials

Garden soil on filter fabric on drainage course on protection board on membrane.

Draft Specification

The waterproofing membrane is to be a 2-layer Sealex Polyflame No.33A 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 3 underlayer is to be fully torch bonded to the horizontal areas of the primed deck using an LP Gas torch. The top layer, Polyflame Garden, 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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