

PLASPRUFE 3100 TANKING WATERPROOFING SYSTEM

Draft Specification:

BELOW GRADE TANKING WATERPROOFING SYSTEM

To all areas requiring waterproofing to below ground basement retaining walls, supply and install to manufacturer's written instructions and to AS CA55 a Sealex Plasprufe 3100 Tanking System single layer bituminous waterproofing system incorporating the following:

- Substrate:** Concrete decks with integral falls to AS CA55.
- External Corners:** Provide 12mm x 12mm chamfers along all concrete edges at junctions of horizontal and vertical surfaces where membrane is to be turned over.
- Internal Corners:** Provide 50mm x 50mm triangular sand/cement fillets at all junctions between horizontal and vertical surfaces.
- Substrate Preparation:** The deck shall be smooth, firm, continuous, and free of loose or foreign matter likely to affect the adhesion of the membrane to the surface. New concrete is to be given at least 14 days curing time before laying membrane. After rain, no membrane is to be laid until the deck is completely dry.
- Primer:** Ruberoid Bitumen Primer applied to the dry deck at the rate of 4 to 6 square metres per litre. Primer must be completely dry before laying membrane over. Primed areas which have become soiled must be re-primed.
- Membrane Layer:** Sealex polyester reinforced SBS modified bitumen membrane sheeting.
- Penetrations:** Provide single layer membrane turn-ups to pipe penetrations as shown on architectural detail drawings and manufacturer's literature.
- Membrane Protection:** To all horizontal and vertical membrane areas, loose lay Sealex Protection Board No. CPB3.
- Drainage Course:** Over protection board, place Sealex V drain or cellular plastic drainage course system in accordance with manufacturer's instructions.
- Filter Fabrics:** Over drainage course lay 140 grams per square metre non-woven polyester filter fabric lapped 150mm and carried up to full height of vertical membrane at planter walls. Hold with tape at top edge as necessary.

Note: Use heavier weight filter fabric if recommended by manufacturer if the proprietary drainage course systems have an integral filter fabric.

**Membrane
Overflashing:**

At top edge of vertical membrane and filter fabric, fix Sealex No. 05 surface-mount pressure seal skirt flashing as detailed. Skirt flashing is to be powder coated to approved colour.

Back Filling Medium:

Back filling medium is to be laid against the filter fabric by Landscape Contractor taking care not to disturb laps in filter fabric.

Note: Whist this document was prepared and is presented in good faith; Sealex Industries hereby disclaim all liability howsoever arising from an error in it or an omission from it and for all consequences of relying on it.

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