RIW DOUBLE DRAIN

METHOD STATEMENT FOR APPLICATION ONTO RETAINING WALLS WITH A MEMBRANE

1. Install perforated sub-soil drain, as specified by others, at the base of the structure in accordance with standard practice.

2. Where ledges occur; provide suitable sand / cement fillet to prevent water laying against the wall face.

3. Apply horizontal bands of Adhesive Tape to the membrane, at the top and base of the structure and at two metre intervals between; See Note b).

4. Double Drain to be positioned against the wall with the filter fabric facing outwards. Product may be installed vertically or horizontally as preferred.

5. Fix in position by applying pressure to ensure a good bond to the Adhesive Tape.

6. At vertical laps; peel back 75mm of the filter fabric from one edge, and overlap / interlock adjacent sheet under the filter fabric by a minimum of 70mm.

7. At horizontal laps; the lower sheet must be positioned under the upper sheet by a minimum of 70mm.

8. Replace the peeled back fabric over the lap, and provide 75 x 75mm patches of Adhesive Tape between the filter fabrics.

9. At top of the system, minimum 50mm below external ground level, either;
   i. Fix Top Edging Strip onto the structure, covering the top of the Double Drain to prevent silt, etc., entering the core.
   Applicable only when Double Drain extends above the primary membrane.
   or;
   ii. Wrap Sheetseal 226 around top, and edges of Double Drain as necessary, to prevent silt, etc., entering the core.

10. Release filter fabric from bottom edge of Double Drain, and wrap around perforated sub-soil drain. Hold in place using granular fill.

11. Backfill as required

NOTES:

a) Provide temporary support to the Double Drain, if backfilling is not to be carried out immediately after installation.

b) Compaction of backfill to be carried out with care, so as not to damage the material.

c) It is recommended that the external ground be laid to falls away from the structure.

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