

## Guidance Specification

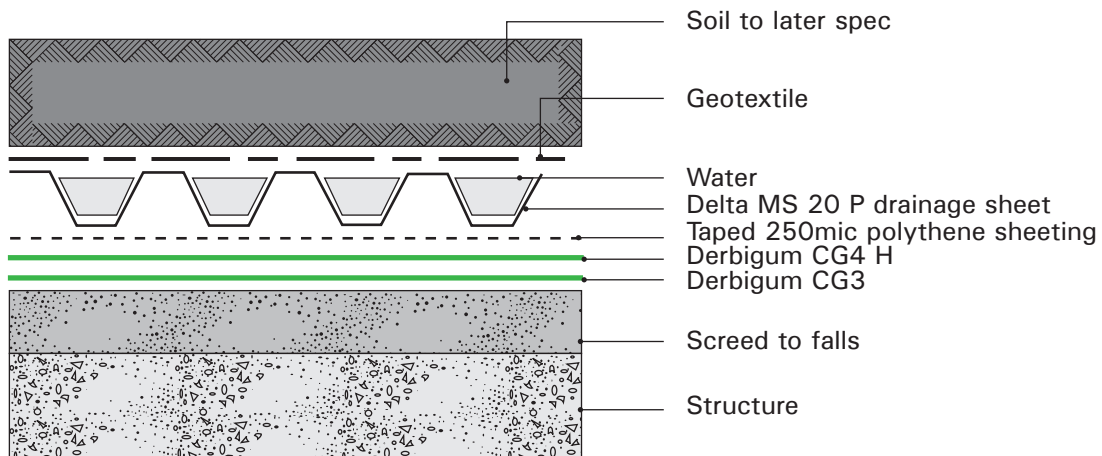
### Horticultural (Roof Gardens)

#### Substrate

The substrate shall be to falls and cross falls of 1:80 to outlets. If no falls and cross falls exist (not recommended) a dual layer system must be used. The substrate shall be surface dry, clean and smooth; free of voids, protrusions and contaminants. The area is then to be primed using a bituminous primer. Internal corners shall be filleted and external corners rounded.

#### Specification

One layer Derbigum CG4H (horticultural) on one layer Derbigum CG3 waterproofing membrane, laid staggered with side laps of 100mm and end laps of 150mm, sealed to bitumen primed surfaces by "torch-fusion" followed by 250 micron polyethene sheeting loose laid with 100mm laps sealed with pressure sensitive tape, to receive Delta MS20P (perforated) high density polyethylene dimpled drainage layer to horizontal surfaces and followed by one layer of Geofabric and landscaping (elsewhere specified). Vertical waterproofing to be protected with Delta MS8 dimple drainage/protection sheet. Waterproofing to be installed by an Approved Derbigum Contractor.



#### Outlets

The waterproofing is to be fully dressed into the drainage outlets so as to ensure a watertight seal. Outlets are to be positioned so that they are easily accessible both for the Waterproofing Contractor at the time of installation and maintenance purposes at some future date. Ensure that the level of the flange is kept below the screed level to prevent ponding around the outlet.

#### Flood Test

The integrity of the waterproofing should be established by means of a flood-test of 48hrs – 72hrs duration, prior to handing over to the contractor. A certificate is to be obtained from the Professional Team recording the date and time-period of the test and that the waterproof treatment was handed over in a clean, proper and watertight condition.

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