

Guidance Specification

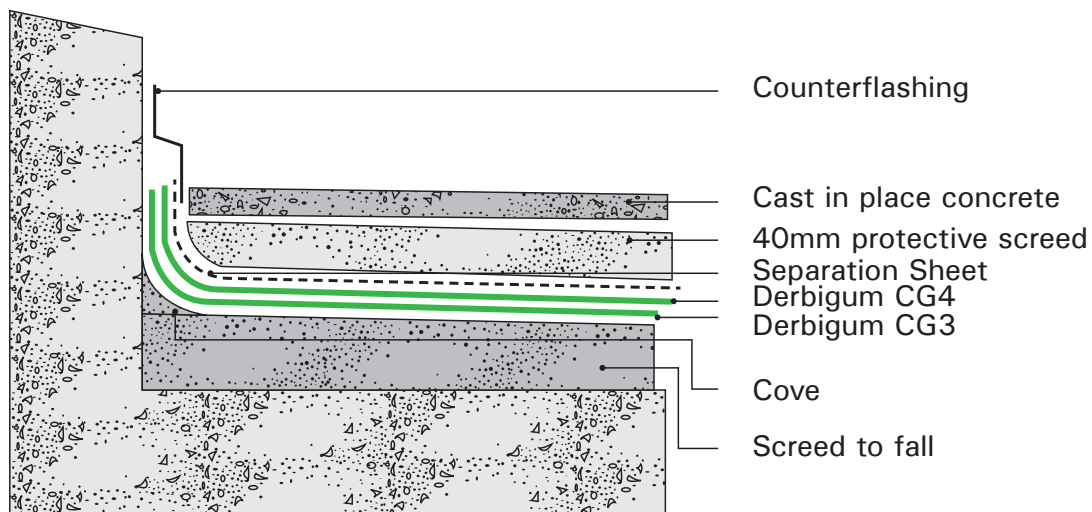
Parking Decks (Cast-in-Place-Concrete)

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 CG4 on one layer Derbigum CG3 waterproofing membrane with 75mm side laps and 100mm end laps, sealed to primed surfaces by "torch-fusion", followed by a layer of 250 micron plastic sheeting with 50mm laps loose laid on waterproofing as isolation/protection layer followed by a 40mm thick protective screed (by others) to receive cast-in-place concrete (elsewhere specified). 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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