

Guidance Specification

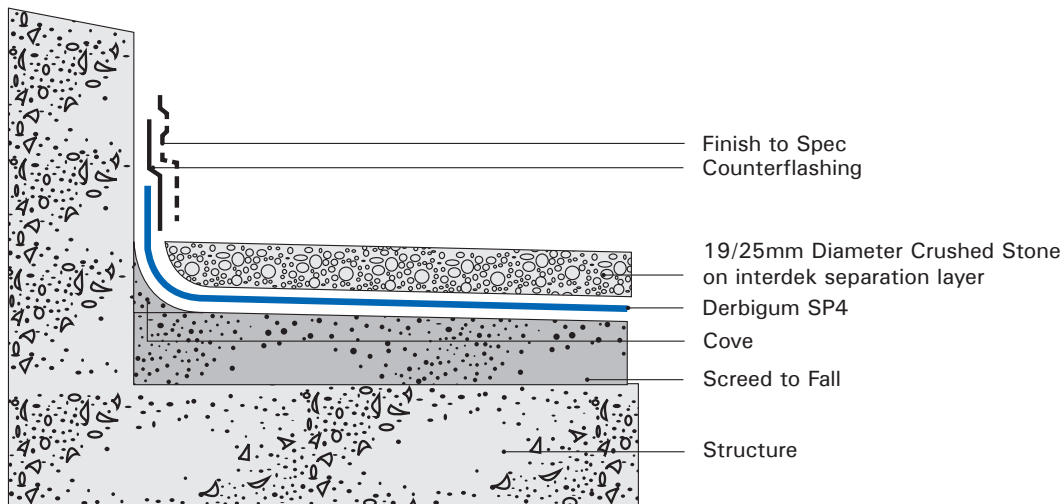
Concrete Roofs (Crushed Stone)

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 SP4 waterproofing membrane, with 75mm side laps and 100mm end laps, sealed to primed surface to falls and crossfalls by "torch-fusion" including protection of 50mm thick layer clean 19-25mm crushed stone on interdek separation layer. Waterproofing to be installed by an Approved Derbigum Contractor under a ten-year guarantee.



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 system 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 waterproofing system was handed over in a clean, proper and watertight condition.

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