

Step by step installation guide - Channel Drainage



1 Dig trench for FloDrain, allowing for 50mm deep compacted sand base and wide enough for a minimum of 100mm backfill of concrete on each side.



2 Fix a string line to finishing height of grate 2mm below final surface level. Allow a fall approximately 5mm for every 1m length (1:200).



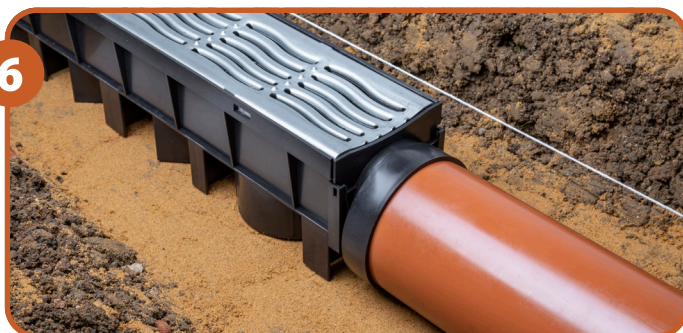
3 Start installation at lowest point of the run to accommodate any cut lengths, which should be installed at the point furthest from the outlet.



4 Join two lengths of channel by interlocking them at each end.



5 Use an End Cap at highest point of FloDrain.



6 Connect the lowest end of FloDrain to 110mm PVC-U BS EN1401 drainage pipe using either an end outlet or the preformed channel bottom outlet to allow water to drain away.

- It is advisable to use silicone sealant for the FloDrain joints and end caps.
- FloDrain can be cut to size using a hack saw.
- All FloDrain installations must be set in concrete



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7 Install with grate.



8 Protect grate with tape before concrete is poured.



9 Pour concrete and finish 2mm above level of grate.
Allow 72 hours to cure before vehicle use or removing grates.



10 Insert a screwdriver into the slots provided, twist and lift to remove the grate.



11 If installing block paving or paving slabs, support the channel (haunch) with concrete to a height which allows the depth of the block or slab to finish 2mm above the level of grate.



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