

GroundGuard GROUND REINFORCEMENT SYSTEM

GroundGuard is a linked paving system, manufactured from Polyethylene, that provides a durable safe and eco-friendly surface for grass reinforcement, ground stabilisation and gravel retention for pedestrian and vehicle access areas.

GroundGuard is suitable for:

- Additional/overflow grass car parks.
- Walkways and disabled access routes.
- Golf buggy paths.
- Driveways and residential lawn parking.

Tiles	Code
 <p>Pack of 20 = 3.2 square metres 1 Tile = 390 x 390 x 40mm Tested in excess of 200 tonnes per square metre spread load</p>	G40



LAND DRAINAGE CORRUGATED COILED LAND DRAINAGE PIPE MANUFACTURED IN PVCu

Land Drainage is used to remove excess water from fields and gardens, in fact any area where excessive water is a problem.

The perforations allow seeping water to ingress the pipe, capillary action then maintains the water within the pipe allowing it to flow to its destination i.e. Stormwater Attenuation Tanks, also known as Modular Plastic Geo Cellular Units (egg crates) or a watercourse (stream, lake etc).

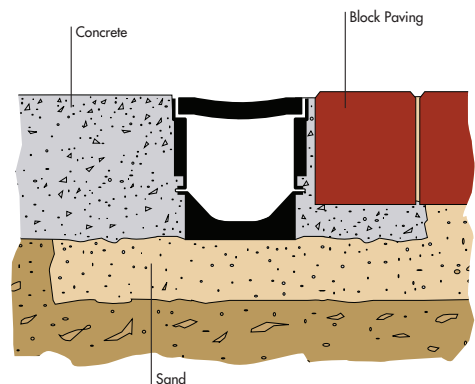
System Features

- Perforated and coiled land drainage pipe is manufactured in HDPE.
- Normally used in agriculture and in building construction sites.
- Particularly beneficial in areas with heavy ground conditions i.e. clay.
- Relieves hydrostatic pressure.

Product	Code
Land Drainage - 25m Coil NOM SIZE O.D	
 80mm x 25mm	L8025
 100mm x 25mm	L10025
 80mm Coupling	LC80
 100mm Coupling	LC100
 Multi-junction branch 80/100mm	LJ100

FloDrain DOMESTIC CHANNEL DRAINAGE

- Quality domestic surface Channel Drainage 110mm x 100mm (Internal channel dimensions).
- Anti-slip heel guard grating.
- Garage Pack available (3 x 1m length, end cap and outlet).
- 5 tonne spread load. 1.5 tonne point load.
- 4 outlets per length for maximum flexibility.
- Quad section for corners and junctions.
- Concave grid for maximum flow.



FloDrain DOMESTIC CHANNEL DRAINAGE

Product	Code
 <p>Channel - 1 metre length (including grate) </p>	D700
 <p>Drain corner </p>	D710
 <p>Garage pack (Consists of 3 x D700, 1 x D711 and 1 x D712) </p>	D750
 <p>End cap</p>	D711
 <p>End outlet</p>	D712
 <p>Channel Drain with galvanised grate </p>	D701
 <p>Drain corner with galvanised grate </p>	D720
 <p>Galvanise garage pack (Consists of 3 x D751, 1 x D711 and 1 x D712) </p>	D751
 <p>Sump/Trap unit & basket</p>	D732
 <p>Threshold Channel Drain - 1m</p>	D730
 <p>Channel Drain jointing clip</p>	D734

Domestic Channel Drainage

Easy To Install With Concrete or Paving

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.
3. Allow a fall of approx. 5mm for every 1m length (1:200).
4. Start installation at lowest point of the run to accommodate any cut lengths which should be installed at the point furthest from the outlet.
5. FloDrain joints and end caps to be sealed with silicone sealant.
6. Use an end cap at highest point of FloDrain.
7. 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. Contact **FloPlast** for additional coupling details for other connections e.g. clay pipes etc.
8. FloDrain can be cut to length with a hacksaw. Install with grate fitted.
9. Protect grate with tape before concrete is poured.
10. Finish concrete 2mm above level of grate.
11. Allow 72 hours to cure before vehicle use or removing grates.
12. To remove grate, simply run a screwdriver along the edge of the grate to dislodge.
13. If installing block paving or paving slabs, haunch around channel with concrete to a height which allows the depth of the block or slab to finish 2mm above the level of grate.

All FloDrain installations must be set in concrete.

