

Ridgidrain vs Concrete

The benefits of using Polypipe technology



Manufactured from high strength HDPE to a structured wall design that produces a robust but flexible pipe.

Ridgidrain is the complete solution for non-pressurised surface and subsurface drainage applications. It has a high strength to weight ratio and a flexibility that allows it to resist high traffic loads and settlement without cracking or leaking.

The result of continuous improvements in our manufacturing process, Ridgidrain is our most efficient surface water drainage system yet, offering specifiers a proven solution with a reduced virgin plastic content and no compromise in performance.



Manufactured from HDPE

- Proven longevity
- Chemically resistant
- Easier to maintain than concrete systems
- 100% recyclable

Lightweight

- Weigh 94% less than concrete systems
- Easier to handle
- Quicker to install
- Less machinery and plant hire required
- Health and safety advantages in storage and handling on site

Greater range of fittings than concrete systems

- From 100mm to 600mm

Longer length pipes mean fewer joints

- Minimizes leakage
For example: 150m of pipe
Ridgidrain pipe at 5.8m lengths = 26 joints
Concrete pipe at 2.25m lengths = 66 joints

Pipe within pipe

- Reduce transport costs
- Maximize load sizes