

Rainwater collection systems



Polypipe's rainwater management solutions provide a full suite of products and systems, from traditional gutter and downpipe sets to advanced siphonic drainage, suitable for all climates.



Gravity Rainwater

A comprehensive range of six rainwater systems, offering aesthetically varied shapes and styles in a variety of colours to suit any home.

Our systems include fully integrated gutter and downpipe assemblies together with all the fittings and accessories needed for easy installation, all manufactured in robust PVCu.



-  **True half-round profile**
Ideal for houses, smaller commercial buildings and offices. Can drain roof areas up to 122m² with a single downpipe. Capacity per outlet 2.54 litres/sec.
-  **Square profile**
A popular, modern system suiting domestic houses, bungalows and conservatories. Can drain roof areas up to 149m² with a single downpipe. Capacity per outlet 3.11 litres/sec.
-  **Large square profile**
A high capacity system ideal for commercial properties and larger houses. Can drain roof areas up to 294m² with a single downpipe. Capacity per outlet 6.11 litres/sec.
-  **Deep elliptical profile**
A high capacity system suiting all styles of property. Ideal for large roof areas or areas with higher than normal rainfall. Can drain roof areas up to 266m² with a single downpipe. Capacity per outlet 5.53 litres/sec.
-  **Ogee profile**
Ideal for the more distinctive house, also suiting bungalows and conservatories. Can drain roof areas up to 242m² with a single downpipe. Capacity per outlet 5.04 litres/sec.
-  **Polypipe Elegance**
A stylish set of guttering and downpipe products with a decorative effect to match the look of a traditional cast iron system.
-  **Roof and balcony outlets**
Outlets available for all flat roof and balcony structures and drain vent systems (For large roof areas use our siphonic system).

Siphonic Rainwater

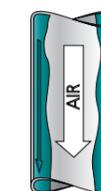
An advanced siphonic drainage system that provides rapid and highly efficient removal of water from roof surfaces. Using the naturally induced siphonic process, Terrain HydroMax literally 'sucks' water away, creating a flow capacity up to ten times greater than an equivalent gravity-fed system.

Unlike conventional downpipes, HydroMax pipes require no air core at their centre, allowing much larger volumes of water to be dispersed through a smaller pipe diameter.

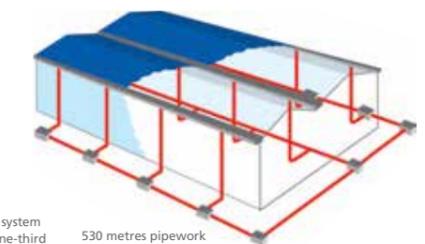
Key Benefits

- Pipes require no fall or slope, increasing design flexibility
- Self-cleaning system
- Fully complies to BS 8490:2007
- Cost-effective system

Traditional gravity system



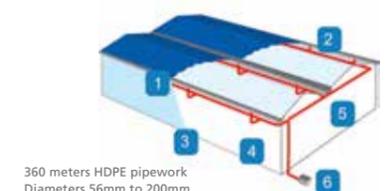
A gravity drainage system limits capacity to one-third water, that adheres to the inner pipe wall, with a large two-thirds air core.



Terrain HydroMax siphonic system



In the Terrain HydroMax system, air is purged from the pipe so that it runs 100% full of water, enabling smaller diameter pipes to remove higher volumes of rainwater.



- 1 Small diameter collector pipes installed level without slope
- 2 High performance Terrain - Hydromax roof drain
- 3 Significant reduction in underground drainage, trenching, soil removal, treatment or backfill
- 4 Design team or clients' chosen downpipe locations
- 5 No drainage under building floor slab
- 6 Easy directing of Roof Rainwater to Attenuation or Rainwater Harvesting