

# Case Studies



Proudly associated with some of the world's most renowned high-rise buildings, Polypipe has an unrivalled history of supplying to the most prestigious developments in the modern age.



Today's buildings pose significant challenges to traditional construction methods. That's why our products are tested under extreme conditions, providing outstanding performance through proven technology. We are also backed by some of the most demanding third-party accreditation standards, giving our customers complete peace of mind.



As buildings grow ever taller, the industry is presented with unique construction challenges. These sorts of issues are second nature to our experts, who are on-hand to research and develop solutions that meet both budget and building constraints.

## High Rise Solutions



## High Rise Solutions

Drainage • Plumbing • Rainwater • Water Management

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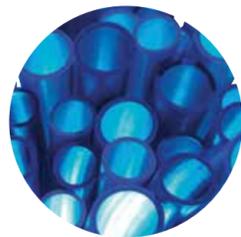
# Ask the experts

Polypipe design and manufacture one of the widest ranges of plastic piping products, with over 20,000 product lines available and 30 principal brands. With a primary focus on developing and supporting pragmatic product systems through specific knowledge and understanding of the residential, commercial and infrastructure market sectors, we ensure that our customers can trust our unrivalled expertise to provide value engineered, fit for purpose piping solutions for the growing diversity and complexity of today's construction challenges.

Polypipe's technical experts are locally based and equipped to provide the Building Services Industry with a comprehensive range of high performance piping and water management systems. Supported by a continued investment in British manufacturing enables us to build on our proud heritage with market-leading brands such as Terrain Drainage, creating unique solutions to manage today's demanding use, storage and removal of water.



Employing over  
**2,000**  
people throughout  
the world



Manufacturing  
**350**  
million metres  
of pipe per annum



**100,000+**  
tonnes of polymer  
processed per annum



**18**  
sites operating  
internationally,  
with an expanding  
global presence



**20,000**  
product lines enabling the  
movement of water, air, power,  
chemicals & telecoms



**4,000**  
trademarks registered  
or pending



## Terrain Siphonic & Gravity Rainwater Systems

Designed for large roof areas through to small terraces or balconies, Terrain's extensive range of rainwater systems are designed to address the increasing need to manage storm events and rainfall to ensure building protection.



## Terrain Above Ground Drainage Systems

A uniquely engineered PVC-u solvent weld gravity pipework system with a wide range of associated fittings to ensure a 'fit and forget' internal drainage solution.



## Terrain Pleura Systems

The Terrain Pleura range of air balancing valves provide point of need ventilation to the internal drainage pipework system to protect trap water seals and can be utilised to significantly reduce pipework material requirements.



## Terrain Traps & WC Pan Connectors

Complementing the Terrain drainage pipework system, a full range of Traps & WC Pan connectors enable easy connection to sanitary appliances.



## Terrain Below Ground Drainage Systems

Terrain PVC-u push-fit gravity pipework systems are flexible and easy to install. With a comprehensive range of polypropylene gullies, p-traps and inspection chambers, Terrain offer unrivalled installation options.



# High Rise Solutions



## PolyPlumb Hot & Cold Systems

Polybutene pipe is ideal for hot & cold water distribution networks, offering durability and long-term performance. PolyPlumb has natural flexibility and a fast push-fit jointing system for efficient installations.



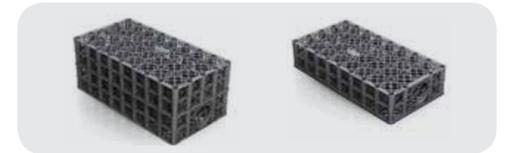
## Effast Pressure Pipe Systems

Effast PVC is a reliable light weight solvent weld high performance pipework system. It is ideal for water distribution networks, swimming pools, irrigation systems and water supply systems.



## Permavoid Shallow Storage Systems

The Permavoid water management system provides ideal first stage source control solution that can be easily integrated into an overall SUDS design. It consists of light weight, 85/150mm thick modular cells that can be interlocked to create a load supporting structural raft across a trafficked area or landscaped roof garden.



## Polystorm Stormwater Systems

The Polystorm range of products is a sustainable storm water management system comprising of incredibly strong individual cells with a 95% void ratio. The structure can receive rainwater collected from the roof gutter system or surface drains and either releases the water within set discharge limits (attenuation) or, where soil conditions allow, be wrapped in a permeable geotextile and slowly release the water back into the surrounding soil and natural water sources (soakaway).

Experts in Drainage, Plumbing and Water Management