

Terrain HPPE Ideal for Boosted Cold Water Distribution

Polypipe Terrain's high density polyethylene pressure pipe system, Terrain HPPE, is a fast and reliable solution to the challenges presented by the requirements of modern supply systems. By optimizing the benefits from polyethylene jointing techniques combined with the physical properties of the material, Terrain HPPE allows specifiers and installers to design and install with maximum flexibility.

The lightweight nature of Terrain HPPE allows the product to be installed quickly and efficiently, giving direct, resource-saving benefits to specifiers and installers.

Terrain's HPPE pressure pipe system can be used across a wide range of applications including:

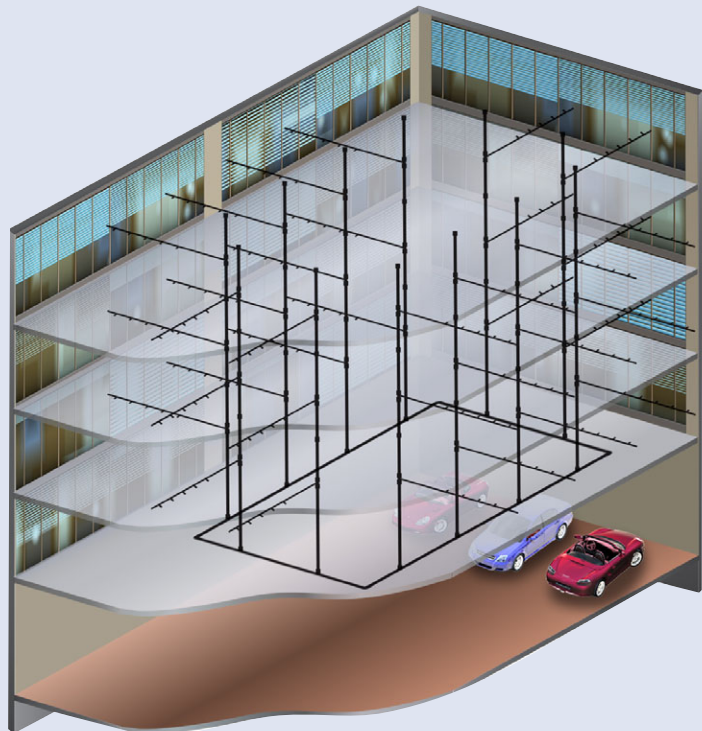
- Water supply and distribution
- Water treatment
- Cooling water
- Pressurised waste water systems
- Transportation of chemicals

In this Technical Bulletin the use of Terrain HPPE in cold water distribution within buildings will be explored.

Traditionally cold water distribution systems in buildings have been installed using materials such as copper and steel. Terrain HPPE offers a comprehensive range of pipes and fittings ideally suited to cold water delivery in the construction market today, providing a true alternative to traditional materials

Terrain HPPE is available in both PN10 (32mm – 1200mm) and PN16 (20mm – 630mm) with a full range of fittings, offering a comprehensive solution for boosted cold water distribution. Image 1 illustrates how Terrain HPPE can be used for ring mains, risers and manifolds for water distribution to point of use.

Image 1:
A typical cold water distribution system using Terrain HPPE



When considering the use of Terrain HPPE v traditional materials for cold water distribution systems the following points should be considered:

- Terrain HPPE provides integrity of joint through fusion welding
- A robust material with high impact resistance
- Flexible system that can be pre-fabricated to meet project specific requirements
- Dual rated system available meaning the system does not need to be engineered to 16 bar
- WRAS approved
- A comprehensive range of standard and problem solving products available
- A cost effective alternative to traditional materials with a lower risk of theft from site
- Take-off service and Technical support for the system available from Polypipe Terrain

To find out more about the Terrain HPPE system, including other applications, and order your hard copy Technical Manual please email me at steve.bishop@polypipe.com



[Download the Terrain HPPE Technical Manual here](#)