

Polypipe provides water management solutions for No.1 Old Trafford

Polypipe Building Services, provided an array of key services for mechanical and electrical specialists, Aberla M&E, on a luxurious new development in Manchester.

Major development benefits from market-leading Polypipe products



The £72m No1 Old Trafford development consists of two towers, 15 and 18 storeys, across 214,000 sq ft on the waterfront at Trafford Park. The towers are made up of 354 apartments including six penthouses. The area around the site is already extensively developed so space was at a premium for Aberla M&E, who decided to use Polypipe's Advantage Service. The Polypipe Advantage off-site fabrication service brings together

manufacturing process, project management and logistics methods to provide M&E contractors with a simple, transparent production-based approach that helps to achieve project productivity targets.

Using the Advantage Service, Aberla opted for three market-leading Polypipe products: Terrain FUZE, Terrain PVC and MecFlow - the award-winning water supply system.

Dan Watchorn, Aberla's Project Manager, said:

"Working with Polypipe Building Services is always a pleasure. From initial design meetings through to installation. This was the first project we have installed MecFlow and we have already specified to use on our next upcoming projects. The speed and ease which it went in was great and we can confirm there were no failed joints throughout the full works."

CASE STUDY

Project

No.1 Old Trafford

Client

Aberla

Application

Tall building water supply and drainage system

Products

MecFlow, Terrain FUZE and Terrain PVC

The project required a fast and reliable installation which was one of the reasons Aberla opted for the MecFlow system.

MecFlow uses CLICKWELD technology which combines the benefits of electrofusion weld with clip connections.

To save time and space on site, MecFlow components are supplied as a complete Kit – for quick assembly – and connected in position. The use of clip connections also removes the need for clamping and allows for repositioning before the final welding is applied. This easy installation allows skilled labour to be freed up for other crucial areas and reduces on-site installation time, reduces risk and brings the overall cost down. It's estimated that this technology helps to save when compared to M&E contractors and project managers up to 75% of on-site install time on complex water systems when compared to traditional methods. The No1 Old Trafford project also used Polypipe Building Services' Terrain FUZE system. Terrain FUZE is the high performance, modern drainage system used on a wide range of prestigious commercial buildings. It is manufactured from high density polyethylene (HDPE) so has strong abrasion, chemical and temperature resistance.



Johnathan Greenwood, Strategic Project Manager at Polypipe Building Services, said:

"We were very excited to work on this project as it was one of the first to use our award-winning MecFlow system and is part of such a major development in Manchester. We are very pleased with all the positive feedback that our Advantage Service and market-leading products have received and look forward to working with Aberla on future projects."



HDPE was specifically used in the in lower levels to avoid the risk of leaks with homogenous welding in the commercial and communal spaces such as the reception area.