

# Terrain FUZE HDPE installed throughout major central London residential project

Polypipe Terrain met challenging requirements at a mixed-use housing development in the heart of London's Docklands.



**Terrain FUZE  
HDPE fabricated  
drainage stacks  
across 43 storeys**



Working alongside main contractor Balfour Beatty Construction and M&E contractor Briggs and Forrester MEP Ltd, Polypipe designed and delivered fabricated drainage stacks utilising its popular Terrain FUZE HDPE for the Providence Tower and Bar Building apartment buildings, which stand at 43 and 12 storeys respectively.

Terrain FUZE HDPE incorporates a number of engineered fittings to aid installation and is ideally suited to off-site fabrication where repetition is prevalent, such as in high rise buildings.

Unique to this development, which encompasses high-end luxury apartments and affordable housing, was the use of 160mm diameter low entry manifold piping, a wide pipe suitable for the project.

This ability to fabricate bespoke products off-site, in turn driving quick turn around times, and the reduced labour, made Polypipe a key project partner.

The light weight nature of Terrain FUZE HDPE brought many advantages over traditional materials, not least in its manoeuvrability on site,

while the use of the Terrain Fabrication Service meant that the system could be installed quickly and efficiently, providing significant time and resource savings.

Paul Campbell, Project Director of Briggs and Forrester MEP Ltd, said: "Whilst there were many benefits to using Terrain FUZE HDPE over alternative solutions, it was Polypipe Terrain's ability to custom engineer low entry manifold piping that really impressed us. Being engineered specific to the project, in Polypipe's on site fabrication facilities, meant the turnaround time was minimal, ensuring a smooth installation."

Damian Farrell, London & South East Sales Director, of Polypipe Terrain, said: "Our experience on delivering on projects of this nature, combined with our extensive system knowledge, means that we can create engineered solutions that meet the needs of the development, such as the 160mm diameter low entry manifold piping that was unique to this project."

## CASE STUDY

### Project

Providence Tower and Bar Building

### Client

Briggs and Forrester MEP Ltd

### Application

Fabricated drainage system

### Products

Terrain FUZE HDPE