Terrain FUZE 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 fabricated drainage stacks across 42 storeys

Working alongside main contractor Balfour Beatty Construction and M&E contractor Briggs and Forrester MEP Ltd, Polypipe designed and delivered prefabricated drainage stacks utilising its popular Terrain FUZE for the Providence Tower and Bar Building apartment buildings, which stand at 42 and 12 storeys respectively.

Terrain FUZE 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 prefabricate 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 brought many advantages over traditional materials, not least in its manoeuvrability on site, while the use of prefabrication 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 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."

The shell and core of the buildings are now complete and the fit out is due to complete in 2016.

CASE STUDY

Project
Providence Tower and Bar Building

Client
Briggs and Forrester MEP Ltd

Application
Fabricated drainage system

Products
Terrain FUZE

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