

# Polypipe has a ball on O<sup>2</sup> Project

Europe's largest pillar free ballroom can now welcome dancers from around the globe thanks to the installation of an innovative Terrain drainage system.



Terrain  
FUZE



The 4,800 metre<sup>2</sup> ballroom, situated in the InterContinental London O<sup>2</sup> Hotel, is located close to its iconic namesake, the O<sup>2</sup> Arena. The hotel also boasts several restaurants, a spa and a panoramic Sky Bar, offering views of Canary Wharf and the River Thames.

Standing at 19 storeys high and containing 453 bedrooms and suites, it was of paramount importance that the drainage system installed could be trusted not to leak, and so M&E Contractor, H.E. Simm & Son Ltd., approached Polypipe to manufacture a suitable solution.

## At 19 storeys tall, the luxury hotel needed intelligently designed drainage.

As experts in providing intelligently designed solutions for the movement of water and air around tall buildings, Polypipe Building Services provided an appropriate system using Terrain FUZE. Made of high-density polyethylene, Terrain FUZE is lighter in weight than cast iron equivalent systems and is available in longer lengths, meaning less jointing is required.

This in turn, provides less opportunities for the system to leak, making it ideal for the project. As the system is jointed using electro-fusion

welding, where the weld area is as strong as the host material, system integrity is increased and consequently the risk of leaks in the development is further reduced.

"The drainage system installed at the O<sup>2</sup> Hotel needed to be considered and intelligently designed. The innovation displayed by Polypipe's Terrain FUZE system made best use of the available space"

Martin Thompson,  
Senior Project Manager  
at H.E. Simm & Son Ltd.

## CASE STUDY

**Project**  
O<sup>2</sup> Hotel

**Client**  
H.E. Simm & Son Ltd.

**Application**  
Soil & Waste

**Products**  
Terrain FUZE