



Overview

The construction of The Leadenhall Building began in Autumn 2011 and used cutting edge construction techniques throughout the build. Measuring at 224m tall and with a total area of 56,000sqm, it is London's second biggest building. With the building's tapered shape, angled at 10 degrees, each office floor is 'stepped back' and 750 millimetre narrower than the one immediately below, providing office space in varied sizes.



Building Type and Size	Offices with an area totalling 56,000 sqm.
Location	City of London, United Kingdom
Main contractor	Overbury
M&E Contractor	Bancroft
Services	Mechanical & Electrical services
Products	Trapeze No. 2 and No.3, Pipe Bracket, Universal Clamp

For further information on this or any of our projects,
please contact us on **0800 018 4264** or email **info@gripple.com**



Installing the Mechanical Services



Bancroft chose the Pipe Bracket & Universal Clamp system as an ideal solution to suspend and secure the building's pipework. Normally a traditional install would require several components, including a cut length of channel and rod, anchors, nuts, washers, channels nuts and pipe rings. However, Gripple provided ready-to-use kits which were up to six times faster than a traditional install and reduced the time spent on-site and at height. The various Pipe Bracket lengths were pre-cut and pre-assembled, improving health and safety as no hot works permit was required. The Universal Clamps were also pre-assembled to the brackets at pre-set centres. To finish the install, the site was provided with Gripple Standard Hangers with decking fixings to suspend the system from unistrut.



Sustainable resources at the forefront of construction

It is estimated that approximately 83% of all construction works took place off-site; Gripple presented an ideal solution and contributed to reducing the overall delivery schedule by approximately six months. All Gripple products were supplied in ready-to-use kits, making installation quick and easy and ensuring that on-site preparation time was reduced to a minimum.

Another key factor during the construction of the Leadenhall building was to find a way to reduce waste and decrease deliveries. This would in turn avoid contributing to air pollution and congestion. It is said that 97% of construction waste from the site has been diverted from landfill. Using Gripple helped to contribute to this figure by dramatically reducing the CO2 and waste material associated with the installation of Mechanical & Electrical services. Gripple wire suspension systems calculated an embodied CO2 saving of 98% compared to threaded rod.



Why Gripple?

- Materials are easily delivered direct to the job site
- Less labour intensive and easier installation than competitors
- Reduced time on drawing turnaround
- Approvals gained quickly
- Flexibility and versatility