

CASE STUDY

**Westfield
Stratford City M7A,
London**



TIME SAVED
1,199 HOURS

WORKING WEEKS SAVED*
30 WEEKS

LABOUR SAVED
£29,975

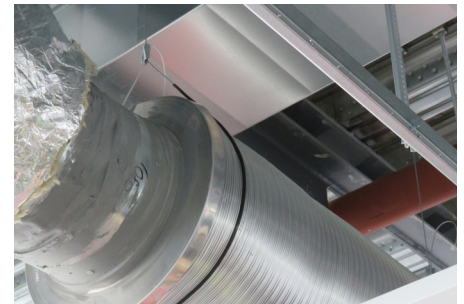
Westfield Stratford City M7A is a 13-storey commercial and office development located within a new urban quarter in East London. Gripplle supplied **Trapeze Plus FR**, **Universal Bracket**, **Duct Trapeze** and **Express No. 2** to the project.

Project Summary

Project location	Stratford, London, UK
Building type	Commercial / Office
Building structure	Metal Decking
Services	Electrical Containment and HVAC

Featured Products

Trapeze Plus FR 	Universal Bracket 	Duct Trapeze 	Express No. 2
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"We prefer to use Gripplle products over traditional methods for our projects, due to the speed and flexibility their products give us on-site. Gripplle's products are also lightweight and compact which makes them easier to transport across a busy London site."

- Electrical Engineer, Electrical Subcontractor -

COST SAVING SUMMARY

	Gripplle solution	Traditional method
Overview	Trapeze Plus FR, Universal Bracket, Duct Trapeze & Express No. 2	Channel, threaded rod & channel nuts
Material cost	£66,012	£48,966
Installation time	442 hours	1,641 hours
Labour rate (per hour)	£25	£25
Total labour cost	£11,050	£41,025
Total cost	£77,062	£89,991

*Figure based on one installer working for eight hours a day

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PROJECT DETAILS

The main contractor for the project has delivered a scheme which has been awarded a 'BREEAM Excellent' environmental performance rating. The commercial development is part of the Stratford City Zone 1 Masterplan and contains a 13-storey modern workplace building with a metal decking structure. Within the M7A development there is a large entrance foyer with aesthetically pleasing public areas, including a screened roof garden with outstanding views that look out across East London.

Due to the strict timescales of the build, subcontractors working on the project required a proven method of drastically reducing installation times on site, which also delivered an aesthetically pleasing finish. The electrical subcontractor opted to use Trapeze Plus FR, GripplE's certified fire-rated suspension solution, which delivered significant time savings for the installation of electrical containment within the development. Trapeze Plus FR has been independently tested and is a fully compliant, fire-resistant suspension system which is suitable for a range of applications including electrical containment. Adjustments can be made completely tool-free, allowing contractors to save time and labour and allow

for adjustment of height during installation. In conjunction with Trapeze Plus FR, Universal Brackets were used to efficiently connect GripplE systems to cable baskets on site.

GripplE Technical Services, a qualified team of engineering physicists and mechanical engineers, provided the electrical subcontractor with an installation design service which consisted of numerous 2D bracket detail drawings to assist with installation. The electrical subcontractor has now used GripplE products on various projects to save time on the installation of electrical containment.

The HVAC subcontractor used GripplE's Duct Trapeze system for suspending primary rectangular ductwork on this project. Duct Trapeze attaches to the bottom of rectangular duct with self-drilling screws, while the optional rubber pad prevents leakage and dampens vibration. They also used GripplE Express No. 2 to efficiently suspend secondary spiral ductwork and plenum boxes. Express No. 2 is a tool free suspension kit with a keyless release mechanism for the fast suspension of a variety of building services including mechanical, electrical and lighting applications.

