CASE STUDY

iPort (IP9)

Doncaster, UK

TIME SAVED	WORKING WEEKS SAVED*	LABOUR SAVED
2,967 HOURS	**74 WEEKS**	**£74,180**

Several multinational companies are now located within iPort in Doncaster - the UK's most advanced multimodal logistics park. Gripple supplied Trapeze Plus FR, Universal Brackets, Y-Fit Accessories, Fire Rated Hangers, Cable Basket Clips and Cable Tray Clips to construct IP9, one of the distribution buildings on the 337-acre site.

Project Summary	
Main contractor	Buckingham Group
Subcontractor	Imtech Engineering Services Central
Building type	Commercial (Warehouse / Office)
Services	Electrical Containment / Modules

Featured Products

Trapeze Plus FR

Universal Bracket

Y-Fit Accessory

Fire Rated Hanger

"Using Gripple is much quicker than traditional methods, their products significantly sped up the installation of electrical containment on this project." - (Project Engineer, Imtech Engineering Services Central) -

COST SAVING SUMMARY

	Gripple solution	Traditional method
Overview	**Trapeze Plus FR, Universal Brackets, Fire Rated Hangers, Y-Fit Accessories, Cable Basket & Cable Tray Clips**	Channel, threaded rod & channel nuts
Material cost	**£83,167**	£48,332
Installation time	**252 hours**	3,219 hours
Total labour cost	**£6,300**	£80,480
Total cost	**£89,467**	£128,807

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

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PROJECT DETAILS

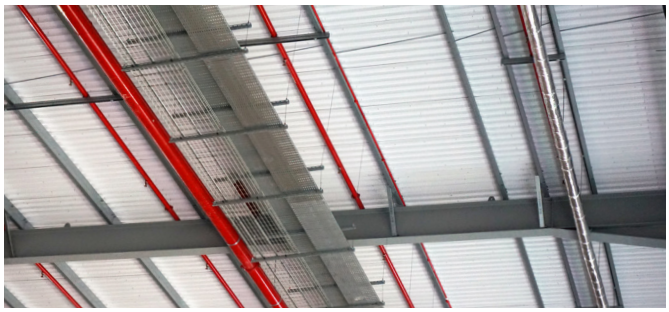
IP9 is a distribution centre located within the iPort logistics park in Doncaster, South Yorkshire. The 734,104 sq. ft. development consists of a processing centre, offices and welfare facilities, trucker's lounges, welfare pods, technical areas and stair towers. The purpose-built facility will allow hundreds of freight vehicles to be stored and digitally monitored which will increase the efficiency of the client's distribution network, thereby reducing lead times for their customers.

Imtech Engineering Services Central were appointed as the electrical contractor by Buckingham Group to help construct the IP9 building. Imtech required a fire-rated, electrical containment suspension solution which could be installed quickly to ensure the project was not delayed. Gripple's efficient suspension solution, Trapeze Plus FR, was used to suspend electrical containment within the warehouse part of this project. These kits have been independently tested and offer a fully compliant, fire-resistant suspension system which is suitable for a range of applications. Adjustments can be made completely tool-free, allowing installers to save time and labour and allow for changes during installation.

In conjunction with Trapeze Plus FR, Universal Brackets were used to support containment on-site. By using Gripple products, Imtech were able to drastically reduce installation times which helped to deliver the project on time and within budget. Trapeze Plus FR also offers 98% CO_2 saving – a report can be generated by Gripple's Technical Services department in order for it to be submitted to a BREEAM or LEED assessor to meet any development targets.

Due to the large size of the IP9 building, electrical and mechanical engineers would normally need to spend a significant amount of time working at height to install various suspended systems using threaded rod and channel. However, Gripple's Fire Rated Hanger kits were used on this project to efficiently suspend electrical containment within the office section of the building. By using Gripple, Imtech were able to shorten the length of time spent at height installing systems which helped to improve health and safety on-site. Gripple's Fire Rated Hanger kits are independently tested by BRE Global and feature a fire and corrosion resistant housing and springs. They are used to suspend a variety of electrical and mechanical services in high risk applications.

Gripple's Technical Services department provided Imtech with an installation design service which consisted of numerous 2D bracket detail drawings to assist with installation. Imtech have now used Gripple products on various projects to save time on the installation of electrical containment and modules.



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