GRIPPLE®

CASE STUDY

Ballyshannon Community Nursing Unit

Ballyshannon, Ireland

HOURS SAVED*	EMBODIED CO_2 SAVED	MATERIAL WEIGHT SAVED
HOURS	**KG**	**KG**

This primary care centre in Ballyshannon, Ireland, utilised Gripple's revolutionary rapid trapeze bracket system, Fast Trak in order to suspend electrical containment throughout the project. Gripple worked alongside O'Hara & Harrison and Core Disribution to help deliver this healthcare project.

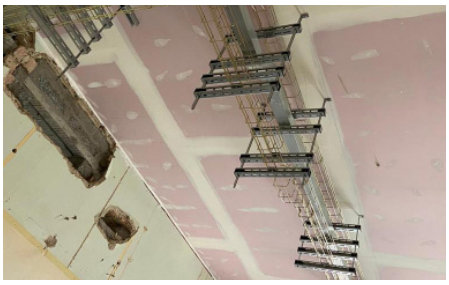
Project Summary	
Main contractor	Boyle Construction
Subcontractor	O'Hara & Harrison
Building Type	Healthcare
Services	Electrical Containment

Featured Products

Fast Trak

Cable Basket Clips

Cable Tray Clips



- "After using Fast Trak on this project we'll probably never go back to traditional systems again!" -

Installer, O Hara & Harrison Electrical Contractors

SAVING SUMMARY

	Gripple solution	Traditional method
Overview	**Fast Trak, Cable Basket Clips and Cable Tray Clips**	Channel, threaded rod and channel nuts
Installation Time	**kg**	kg
Total Material Weight	**hours**	hours
Total embodied CO_2	**kg**	kg
Total labour cost	**£**	£

*Data taken from the following sources:
BSRIA guide 'The Inventory of Carbon & Energy'. Channel based on typical weight and Embodied Carbon value for recycled ROW construction.
Threaded Rod Weight Taken from DIN975 Document 'http://www.dinstock.com/useruploads/files/threaded_rods_din975.pdf'
Embodied CO2 Constant Multiplier (kg CO2/ kg material) Taken From ICE (Inventory of Carbon and Energy) Document
Author: Dr. Craig Jones & Professor Geoffre Hammond. Version: V3.0 = 10 Nov 2019 http://www.circularecology.com/embodied-energy-and-carbon-footprint-database.html

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

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PROJECT DETAILS

Gripple worked alongside O'Hara & Harrison and Core Disribution to help deliver this healthcare project in Ballyshannon, Ireland. Selected for the suspension of electrical containment on-site was Gripple's new and improved rapid-trapeze bracket system, Fast Trak.

Fast Trak is a pre-fabricated, off-site solution which vastly simplifies the installation of electrical containment in building services applicationswhich helped to deliver significant cost and labour savings, carbon efficiencies whilst simultaneously reducing health and safety concerns through a reduction in time spent working at heights.

Installers on site were able to benefit from Fast Trak's ability to be used in any orientation. The new and improved multi-tier bracket is four-sided with suspension points on every face. In order to establish a 4 tiered containment system, Installers at O'Hara & Harrison were able to use Fast Trak in the 'C orientation', allowing the use of Gripple Cable Basket Clips on top of each bracket, helping to install containment in seconds.

Speaking on the benefit of using Fast Trak, an installer from O'Hara & Harrison said "This was the first time we had used Fast Trak. It does the same job as traditional methods but it's so much easier to install. The product is simple and strong and can be easily stored away on-site."

Gripple Fast Trak is a rapid trapeze bracket suspension solution for electrical and mechanicial services that removes a lot of labour intensive on-site activity when compared to traditional suspension systems.

Speaking about the use of Fast Trak on this project, Gripple Area Sales Manager for Ireland, Tony Dooris said: "The idea of Fast Trak being used on the job is speed. There were a lot of time pressures on-site and a lot of multi-tiered short drops need, so the product had to be Fast Trak. We came to site twice to do pull tests, both on the old building to ensure it would fix through the plasterboard, and the new building to ensure it would fix with the concrete."

Gripple and Core Distribution, who are Ireland's distributor for Gripple products, collaborated closely on the delivery of this project to ensure all products were delivered to site efficiently in order to cause minimal disruption to the build programme. Bernard Carroll, Technical Sales Executive at Core Distribution stated on the project: "When we brought Fast Trak to our customers, it was really exciting. We were able to offer something new and innovative. Our customers are used to traditional methods such as threaded rod and cutting channel, which takes up a lot of time and labour. Fast Trak has taken that off straight away!".

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