



Image Courtesy of GT3 Architects

HOURS SAVED*
586 HOURS

EMBODIED CO₂ SAVED
3,904 KG

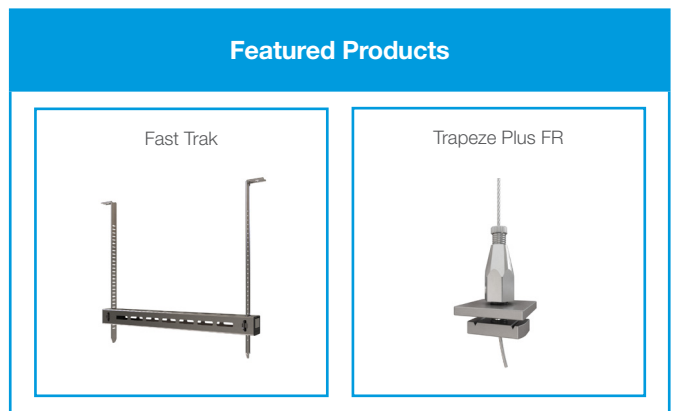
MATERIAL WEIGHT SAVED
1,720 KG

Whitwick & Coalville Leisure Centre is a brand new facility located in Coalville, Leicestershire. GripplE provided **Fast Trak**, **Trapeze Plus FR** and **Universal Bracket** for the suspension of electrical containment on this two-storey development.

Project Summary

Main Contractor	Metnor Group
Subcontractor	T Clarke
MEP Consultant	Wilson Gray Consulting
Building Type	Leisure
Services	Electrical Containment

Featured Products



"We used GripplE products on this project as their solutions allowed us to significantly speed up the build programme for Coalville. GripplE products gave us a better end result than strut and threaded rod."

- Project Manager, T Clarke -

COST SAVING SUMMARY

	GripplE solution	Traditional method
Overview	Fast Trak, Trapeze Plus FR and Universal Bracket	Channel, threaded rod and channel nuts
Installation Time	199 hours	785 hours
Total Material Weight	1,045 kg	2,765 kg
Total Embodied CO ₂	2,373 kg	6,277 kg
Total Labour Cost	£4,975	£19,625

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 IOE (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 at £25 an hour



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..... PROJECT DETAILS

Gripple was chosen by T Clarke to provide electrical containment to this brand new leisure centre facility in Coalville, Leicestershire. The new and impressive two-storey centre includes an eight-lane swimming pool, a gym, a café, an eight-court sports hall, three squash courts and spa facilities.

T Clarke required a solution for suspending various cable baskets and trays on-site at various drop lengths whilst also providing a speedy turnaround. These parameters made Gripple's new and improved Fast Trak rapid trapeze bracket system the ideal choice. Fast Trak helps to reduce labour intensive on-site activity associated with traditional suspension systems whilst also providing significant labour, material weight and embodied carbon savings. Fast Trak is a pre-fabricated, off-site solution that vastly simplifies the installation of electrical containment.

When speaking about the collaboration with Gripple and the success of Fast Trak on this project, a Project Manager at T Clarke said: "We used Gripple products on this project as their solutions allowed us to significantly speed up the build programme. We were able to use Fast Trak on-site for 1,500mm drops during the installation of cable baskets and trays. We opted to work with Gripple again as their products give us a better end result than strut and threaded rod."

Along with Fast Trak, Gripple's lightweight suspension solution, Trapeze Plus FR, was also used in conjunction with Universal Brackets to support further cable containment on-site. These kits have been independently tested and offer a fully compliant, fire-resistant suspension system. An advantage to using Trapeze Plus FR and Universal Brackets is the ability to make tool-free adjustments, allowing installers at Coalville to save time and labour and reduce time spent working at height. Trapeze Plus FR features a stainless steel housing and springs which are corrosion and fire-resistant. They are used to suspend a variety of electrical and mechanical services in high-risk applications.

Gripple Area Sales Manager, Stuart Helm, who oversaw the delivery of this leisure centre project commented: "T Clarke and Gripple have been collaborating frequently and we were delighted to partner again for this project. The delivery timescale of Whitwick & Coalville Leisure Centre was very tight which made our innovative Fast Trak bracket suspension solution, along with our Trapeze Plus FR wire suspension offering, ideal for the quick turnaround needed on-site. Our products helped to suspend electrical containment right throughout the build and delivered significant labour and embodied carbon savings on the install when compared to traditional methods."

