

**UNIVERSITY TECHNICAL COLLEGE, SHEFFIELD**  
**EUROBOND LIMITED**



The Sheffield University Technical College (UTC) is located on the region's visionary Olympic Legacy Park which used to house the Don Valley Stadium complex.

Building on the success of the existing city centre campus the second UTC opened in September 2016, specialising in human computing science education for 600 students aged 14 - 19. With the focus on the layout and efficiency of the design, the new college provides a unique experience for students to study adjacent to elite athletes and professional sports people.

The building design involved the use of products that provide a quality architectural finish while also ensuring excellent acoustic properties and thermal performance. The design needed to emulate the appearance of a rainscreen, with discrete vertically laid joints.

The client wanted their new training centre to have an impressive design that would integrate seamlessly with the Olympic Legacy Park concept. With strict funding limitations and a tight programme for delivery this proved a challenge.



Peter Severn, project technical manager at Bond Bryan Architects was clear about the challenge: 'We knew we needed to install a vertical-look panel system that would perform well and that wouldn't need to be decorated later. Our aim was to give the building a striking look while keeping within the budget.'

And, when explaining why Eurobond products were right for this build, Peter said: 'By using Eurobond's products we achieved weather tightness very early on in the building programme which meant more efficiency in the design and minimised any additional steel work.'

A range of product options were assessed, with Eurobond's composite panels being selected because of their track record on fire performance, span capability and aesthetics. The products chosen for use on the new UTC were Europanel F5 Extra and Rainspan, because they ensured a high-quality finish and a significant reduction in the building programme.

By using Eurobond composite panels, the structure could be designed around the spanning capabilities of the product, meaning that additional steel work could be kept to a minimum - and this played a key role in reducing costs and speeding up the project.

The composite panels needed to be installed to a high accuracy to replicate and support a rainscreen finish, achieved by professional installation by the sub-contractor and supported by Eurobond's technical team that provided technical assistance throughout the project.



The final specification involved a single installation of Europanel manufactured from Colorcoat Prisma® by Tata Steel in Slate Grey and Helios (F5 Extra 200mm V Groove) and Rainspan (a composite panel providing structural support for rainscreen systems) to provide the combination of an impressive finish, completing the project in time and on budget.

Client:	Don Valley UTC Academy Trust
Architect:	Bond Bryan Architects
Main contractor:	BAM Construction
Sub-contractor:	Roofdec

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