

UNIVERSITY OF STRATHCLYDE, TECHNOLOGY AND INNOVATION CENTRE (TIC), (UK)

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Application range

Schools and Universities

Type

Reference

Project Stakeholder: University of Strathclyde
Architect: BDP
Main Contractor: Lendlease
Consulting Engineer: KJ Tait Engineers
M&E Contractor: FES
Images: David Barbour

The £89M development of the Technology and Innovation Centre (TIC) at the University of Strathclyde is the largest single development in the University's history and is described as their dedicated national and international centre for research, commercialisation and business research and development.

The TIC provides state-of-the-art research facilities and a flexible working environment which will bring together up to 750 academics, researchers, postgraduate students and project managers in 25,000 sqm of space. The building incorporates flexible project, meeting and office space, alongside high quality research and laboratory accommodation including clean rooms, world class equipment, specialist laser optics materials laboratories and high voltage facilities.

The building, designed by BDP, has met the criteria for BREEAM Excellent and an A rated EPC.

TROX UK provided a range of products into the TIC project which reflects the different types of space utilisation in the facility and the benefits of sourcing HVAC products from a single source to ensure an optimised air management solution:

Multi Service Chilled Beams (MSCB)

Based around the active DID632 chilled beam the multi service chilled beams incorporate offset luminaires which, when positioned with plain panels, create a striking ceiling effect. Services incorporated into the beams included:

- Luminaires
- LED lights
- Sprinklers
- Smoke/heat detectors
- PIR sensors

Grilles and Diffusers

- Ventilation grilles
- Ceiling diffusers
- Slot diffusers
- Swirl diffusers

Air Flow Control

- Constant volume flow rate controllers
- VAV terminal units

Acoustics

- Circular silencers

Fan Coil Units

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Please [click here](#) to download this project reference information.