



Project Stakeholder: UBS
Architect: Make Architects
M&E Consultant: Hurley Palmer Flatt

Project Developer: British Land and Blackstone
Main Contractor (Fit-Out): ISG Plc
Images: Kate Elliott

The Project

This innovative "groundscraper" designed by Ken Shuttleworth of Make Architects provides a new headquarters for UBS allowing the organisation to consolidate its London trading operations into one building. The new building, which forms part of the Broadgate Estate, will house up to 6,000 people and features four immense trading floors in 700,000sq ft of Grade "A" office space.

5, Broadgate is described as one of the most sustainable office buildings of all time. Make Architects highlight that the sustainable features of the building include "the second biggest array of photovoltaic cells and solar thermal panels in the City of London, a substantial area of green roof, 70 percent waste recycling, FSC-certified timber, and a BREEAM "Excellent" rating.



Our Solution

TROX UK provided a range of products into the project including:

Multi Service Chilled Beams (MSCB)

Based around the active DID312 chilled beam, the MSCB included a range of incorporated services:

- Luminaires
- Sprinklers
- Smoke detectors
- PIR sensors
- Emergency lighting
- Temperature and condensate sensors

To support the development of a MSCB which met the end client's needs the project team (client, architect's practice, main contractor and consultant) regularly reviewed the development of the test mock-up at TROX's Thetford laboratories where the MSCB design was verified ahead of manufacture.

Due to the incorporation of the services in the beam the result is a clean vaulted ceiling and an office space beautifully lit by long lengths of chilled beams.

Grilles and Diffusers

- Slot diffusers
- Ventilation grilles
- Floor grilles

Air Flow Control Systems

- VAV fan boxes
- VAV terminal units

Acoustics



For further information:

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