TROX® TECHNIK
The art of handling air

# 5 BROADGATE, LONDON (UK)

view

| Application range | Type |
| --- | --- |
| Office | Reference |

Project Stakeholder: UBS
Project Developer: British Land and Blackstone
Architect: Make Architects
Main Contractor (Fit-Out): ISG Plc
M&E Consultant: Hurley Palmer Flatt
Images: Kate Elliott

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 700,000 sq 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".

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 MSCB.

Grilles and Diffusers
- Slot diffusers
- Ventilation grilles
- Floor diffusers

Air Flow Control Systems
- VAV fan boxes
- VAV terminal units

Acoustics
- Circular Silencers

Please click here to download this project reference.