

CASE STUDY

UNIVERSITY OF LEEDS

PASSIVE & ACTIVE FIRE PROTECTION



Scope

Passive fire protection works to staircases, lobbies, corridors, teaching and learning spaces situated throughout Worsley building.

This work included the installation of a wide range of passive fire protection methodologies including penetration sealing systems, the construction of fire rated walls, installation of new fire door sets, upgrades and amendments to the fire alarm system, alteration of the mechanical ventilation system through the installation of dampers all required to maintain lines of compartmentation.

Key Challenges

Complicated concrete and steel constructed building, fully occupied throughout the project requiring close project control and ongoing co-ordination with facility estates teams. Diligent planning of the works ensuring disruption was kept to a minimum, often requiring works to be

undertaken through a programme of night-time and weekend working patterns.

Stringent performance specifications, handover and commissioning procedures were required to achieve full compliance with university protocols and full compliance with FIRAS certification standards.

Effective management and co-ordination of a multi-disciplinary, directly employed team comprising fire stopping, joinery, mechanical and electrical and all finishing trades.

Key Outputs

- Zero accidents or incidents
- Completion of works on programme and within budget
- Defect-free sectional handover

Key Information:

Key Outputs:

University of Leeds Campus, Worsley Building: home to the city Dental Hospital, the School of Dentistry, Medical Lecture Theatre and Library, Multidiscipline Laboratories, Departments of Anatomy and Pharmacology, Physiology, Cardiovascular Studies and Cancer Research, Biochemistry, Radiation Protection and Safety Services.

Location:

9 Months

Value:

£750,000

