

University of Auckland

BUILDING 405

Project Profile



PROJECT SUMMARY

New 13 level building that provided under-graduate teaching spaces, post-graduate laboratories and offices for Faculty of Engineering staff which is attached to the existing B401/402 building that remained occupied during the build. A smoke extraction system was installed to prevent smoke spread from the multi-level atria.

Fire design developed in accordance with the C/VM2 framework.

CROSSFIRE VALUE TO PROJECT

Crossfire developed a performance-based design to allow the large open atria in the existing building to be connected to the existing building.

We developed the fire design to the C/VM2 framework using FDS fire modelling which resulted in a flexible open learning environment for large numbers of occupants far beyond what would be required by an Acceptable Solution design.

Client

University of Auckland

Architect

Jasmax

Date

Completion March 2020

Project Value

\$22m