

Tauranga Crossing Ltd

TAURANGA CROSSING SHOPPING CENTRE

Project Profile



PROJECT SUMMARY

New multi-level shopping mall with double height food court and an attached seven screen EVENT cinema complex in Tauranga containing 70 internal retail outlets.

A smoke extraction system incorporating smoke curtains forming reservoirs was seamlessly designed into the 'diagrid' ceiling system.

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

CROSSFIRE VALUE TO PROJECT

Crossfire developed a performance-based design to allow the openings between floors and the double height spaces.

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

Client

Tauranga Crossing Ltd

Architect

Warren & Mahoney

Date

Completion 2022

Sector

Retail

Project Value

\$22m