



Mid City Markets

Auckland



fire curtains • smoke containment screens • smoke curtains • horizontal fire curtains • smoke & heat release vents • natural ventilation • fire resistant glazing • horizontal glazing

Problem

Multiple connecting floors in a retail centre exceeding maximum allowable floor area for a fire compartment.

Solution

Install Fyrehalt fire curtains to provide a 2 hour (-/120/-) fire resistance rating in accordance with AS1530.4 and the New Zealand Building Code.

Design Considerations

The system had to be highly reliable, sufficiently compact and unobtrusive during normal building use to provide for an open space design.

On receipt of an alarm signal the Fyrehalt fire curtain deploys to form a fire compartment, separating this floor from other floors in the building and preventing fire and smoke spread. On reset of the alarm signal, Fyrehalt fire curtains will retract into the “standby mode”.

