



NZI House

Case History

This high profile twin façade green building in downtown Auckland had a requirement for smoke curtains to prevent the spread of smoke from an open atrium to levels above in the event of a fire. Unusually, in this case bridges crossing the atrium meant that escape doorways had to be created in the curtain fabric at each level. This had never been done in NZ before. Meeting room pods jutting through the fabric line on each level posed further design issues, uneven drops and overlaps had to be designed into the system. Colt Products and Systems completed the design to cater for all of the clients requirements and submitted a full set of CAD drawings for approval. Once approved the manufacture, installation and commissioning, all by Colt, was carried out to satisfy the New Zealand Building Code. All completed on time for a happy client.

PROJECT:
PROJECT LOCATION:
THE COLT SOLUTION:
COLT PRODUCTS USED:
SPECIFIER:
MAIN CONTRACTOR:
PROJECT BRIEF:

NZI House
 Auckland New Zealand
 Smoke Control
 Smokemaster Smoke Curtains
 Newcrest
 Scarbro Construction Ld
 Stop smoke from the atrium entering each floor space, while allowing for escape from bridges



Architectural Solutions

Climate Control

⇒ Smoke Control

Car Park Ventilation

Colt Products & Systems

PO Box 51 031
 Tawa, Wellington
 Tel (04) 913 2072
 Fax (04) 232 4170
 Email: coltnz@aquaheat.co.nz
 Website: www.colt.co.nz