

projectoverview



HILTON BUILDING

SYDNEY, AUSTRALIA



smoke containment screens • smoke curtains • fire curtains • horizontal fire curtains • smoke & heat release vents • natural ventilation • fire resistant glazing • horizontal glazing • smoke doors • fire doors • intumescent paint & other specialty systems

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Problem

An existing building upgrade required the atrium and interconnecting stairs to extend through 4 levels. Therefore, fire separation between floors was non-compliant with BCA. An alternative solution was required.

Solution

Smoke Control provided design assistance, supply, installation and commissioning of the Fibershield automatic fire curtains. This is a cost effective solution that complied in full with the Fire Engineer report.

Design Considerations

Twelve (12) Fibershield vertical fire curtains were required;

- to be fire tested to AS1530.4 for up to 2 hours.
- to be invisible in non-fire mode which assists architectural goals to be realised.
- to be easily accessed for maintenance once installed, this was achieved by using the unique front entry side guides.
- to provide single module spans across widths greater than 6m wide and relatively large drops.
- to have delayed deployment (for specific curtains only) on receipt of an alarm signal.

Builder

Bovis Lend Lease

Fire Safety Engineer

Arup Fire

Certifier

Phillip Chun & Associates

*Note: Each project is unique and usually requires the involvement of a Fire Safety Engineer.
Please contact us to discuss the suitability of this solution for your project.*

