



2 MARKET STREET

SYDNEY, NSW



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

Problem

An office building addition adjacent to an existing building on the same site created one side of a new atrium. The new building was connected to the existing building by bridges across the atrium. Fire and smoke performance of the adjacent 6 storey wall was required for protection.

Solution

Install Fibershield single span 2 hour fire curtains by bridges across the atrium, consisting of 10m wide x 3m high windows and door ways.

Design Considerations

The system was to be invisible in non-fire mode and gravity fail safe. The system's performance had to be proven by hot smoke testing. The curtain could only be accessed from the atrium side and therefore access for maintenance was achieved by installing adequate support measures into the ceiling of the atrium.

Client

Allianz

Fire Safety Engineer

Arup Fire

*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.*

