



Frank Gehry' s Dr Chau Chak Wing

Sydney, New South Wales



smoke containment screens • smoke curtains • fire curtains • horizontal fire curtains • smoke & heat release vents • natural ventilation • fire resistant glazing • horizontal glazing • glazed smoke doors • glazed fire doors • metal fire shutters & other specialty systems

Goal

To provide a transparent, fire rated, horizontal load bearing element in Australia's first Frank Gehry building.

Solution

Installation of Visioneering fire rated glazed floor incorporating 12x horizontal panels under a stair void to provide a 120/120/120 fire resistance level.

Design Considerations

Due to unique access limitations and the weight of the individual glass panels, attention had to be made at the beginning of the project to install methodology. Structural columns located adjacent to the floor panels also added another level of complexity to the project. Smoke Control has installed several fire rated glazed floors and our on site experience combined with our in-house expertise made the project possible.

Fire Engineer

ArupFIRE

*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.*

