



ROBINA HOSPITAL

GOLD COAST, QLD



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

projectoverview



Problem

Hospitals require robust fire compartmentation which conflicts with way finding requirements and the desire for wide open spaces

Solution

Smoke Control provided the solution by installing Fibershield fire curtains which are virtually invisible in non-fire mode. The system deploys on alarm to provide the required fire compartmentation.

Design Considerations

The system needed to be compact, light weight and highly reliable to reduce ongoing maintenance in a building that operates 24 hours a day.

Client

Bovis Lend Lease

Architects:

BVN Architecture

*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.*





PRINCE CHARLES HOSPITAL

QUEENSLAND



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

projectoverview



Problem

Prince Charles Hospital was required to upgrade facilities and needed to install Fire Curtains to satisfy the minimum of -/120/120 on a Class 9 building window configuration. A fire rating was required due to the Building Class 6 roof below Building Class 9.

Solution

Fibershield Vertical Fire Curtain

Design Considerations

The fire resistance level of -/120/- was met through the use of Fibershield Fire Curtains combined with an external water spray to provide the insulation component. This allowed the overall system to achieve the equivalent of a -/120/120 FRL.

Client

Department of Health, Queensland

Fire Engineer

Nofire Pty Ltd

Builder

Baulderstone Hornibrook

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