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
**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

www.smokecontrol.com.au • T: 1300 665 471 • E: info@smokecontrol.com.au
**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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