

projectoverview



EDUCATION BUILDING

Westmead SYDNEY, NSW



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

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Goal

To protect the openings in an external 120/120/120 wall located in a fire escape stairway.

Solution

Supply and Install 5x Stopleveline 120 fire rated windows which have been fire tested to AS1530.4 for a -/120/120 fire rating.

Design Considerations

The windows are located externally and are double glazed for energy efficiency and additional UV protection to the intumescent interlayers. Note: that the fire resistant glass used is the only glass available in a UV resistant intumescent interlayer to prevent the windows turning milky in the Australian climate.

Client

Zadro Construction

The glass units could only be installed from the outside of the building requiring Smoke Control's installation expertise to lift the units up 5 levels in full compliance with OH & S regulations, saving the builder approximately \$10,000 in additional crane and scaffold charges.

