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
The project involved installing spandrel walls in several units that were deemed to be at risk of flame spread from lower floors. According to BCA C2.6, if any part of a window or other opening in an external wall is above another opening in the storey next below and its vertical projection falls no further than 450mm outside the lower opening, the openings must be separated by a spandrel wall.

Solution
Smoke Control installed the Stopline -/60/60 insulated window system. This system uses maximum transparency glass, allowing it to be fully integrated alongside non–fire rated glass. Stopline fixed fire windows comply in full with the Building Code of Australia requirements.

Design Considerations
The selected system was to be constructed using Class A safety glass. In addition, the spandrel wall was to be installed behind the existing external glazing without impeding the view and aesthetics.

Client