



## ARGYLE STORES

SYDNEY, AUSTRALIA



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

A heritage building contained an open stair and open lift shaft which travels through multiple tenancies. The stairs and the lift were also adjacent to a path of egress from the bar. There were little to none fire safety measures in the building before the refurbishment. In addition, the Heritage Council required a solution that provided an acceptable aesthetic finish suitable for the building.

## Solution

A combination of glass and a Fiberseal smoke containment screen were installed to protect the stair and the lift.

## Design Considerations

As there were no mechanical services originally installed to extract smoke or provide pressurisation, it was much more cost effective to install a smoke containment screen to ensure that tenable conditions were maintained in the path of egress from the bar. Fiberseal smoke containment screens have been tested in accordance with AS/NZS1530.7 for measured leakage data at various temperatures and pressures enabling the Fire Safety Engineer to input reliable data into the fire scenario models and be confident with the result.

## Client

Sydney Harbour Foreshore Authority

## Fire Safety Engineer

Defire Pty Ltd

*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.*

