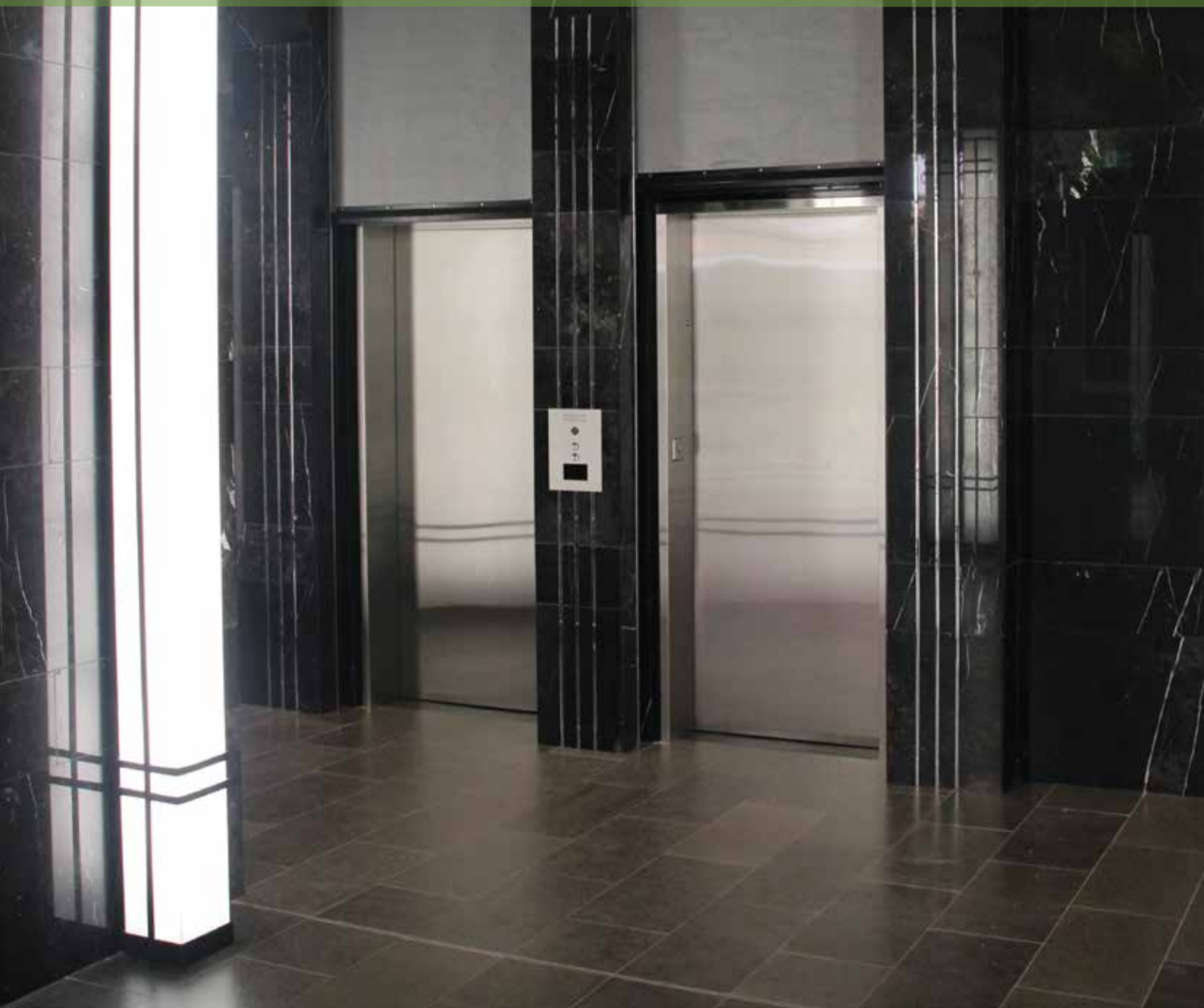


# FIREMASTER® FOR LIFTS

FIRE AND SMOKE CONTROL CURTAINS FOR LIFTS AND LIFT LOBBIES



Delivering Engineered Solutions

# firemaster® S

vertical fire and smoke containment curtain

## FIRE AND SMOKE CONTROL CURTAINS FOR LIFTS AND LOBBIES

The main purpose of the lift and staircase lobby is to prevent the spread of fire and smoke from an accommodation floor to other levels via penetrations.

Where lifts are sent to their safe level in the event of an alarm, the simplest and most effective way of overcoming the need for a lobby is by the installation of a fire curtain with smoke control in front of the lift door on all floors except the escape level. Thus providing fire resistance and smoke containment in one.

- A fire curtain with smoke control is a direct replacement for a non-load bearing wall and fire door which forms a lobby as it is equivalent to the same level of critical performance as the wall and door.
- Create improved square metre yield (m<sup>2</sup>) by turning nonchargeable floor space (lobbies and oversized corridors) into chargeable or rentable space.
- Improve the building living, staying and working environment by removing small protective spaces and compartments
- Improve interactive fire safety. Fire curtains are intelligent fire safety systems that can interact with your buildings alarm panel or BMS system in a number of different configurations depending on the building fire strategy requirements.

### THE PERFECT SOLUTION FOR LIFT AND LIFT LOBBY FIRE PROTECTION TO CREATE OPEN PLAN DESIGNS

- Where a lobby is formed on two sides by lifts then fire and smoke barriers can replace the doors at one or even both ends
- Split drop time delay or double knock can be set to initially act as smoke control in the ceiling space and enable occupants to escape before closing fully
- Where a lobby/corridor is required to form a protected means of escape then virtual fire and smoke walls can be deployed on the alarm, directing the occupants in the right direction
- FireMaster fire and smoke control barriers can be used over individual lift doors or form invisible, cost effective lift lobbies



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## FireMaster S for Lift Openings

### Certified Smoke & Fire Protection for Lift Shafts

The FireMaster S is specifically engineered to protect lift door openings and lift lobbies, providing reliable smoke containment and up to 4 hours of fire separation.

Designed for seamless integration into lift environments, the curtain remains invisibly retracted within its headbox above the lift opening. When activated by the building's fire alarm or detector system, it deploys automatically creating a secure fire and smoke compartment to protect lift shafts, prevent smoke spread between levels, and support safe evacuation strategies.

Fully tested to AS1530.7 (2007), FireMaster S incorporates a unique housing system and additional tested smoke seals to deliver a smoke-tight barrier solution ideal for vertical transport zones.

#### Designed for Lift Applications

- Protects lift door openings and lift lobbies
- Helps prevent smoke migration into lift shafts
- Supports compliant fire compartmentation in multi-storey buildings
- Discreet installation with minimal architectural impact
- Suitable for new builds and retrofit projects

#### Construction & Engineering

- Robust single-roller construction
- Rollers up to 5 metres wide
- Minimum 70mm diameter with wall thickness not less than 1.5mm
- Rollers wider than 5 metres incorporate headboxing
- Zinc-coated mild steel components for durability
- Finishes available: site painted or powder coated to DULUX or RAL colour ranges

#### Intelligent Operation

- ResQ Window and Retract Button as standard
- Remains retracted within the headbox during normal operation
- Automatically deploys upon fire alarm activation
- Fully closes the lift opening to form a fire and smoke barrier
- Optional automatic reset available

#### Certified Performance

Smoke Rating

Tested to AS1530.7 (2007) under:

- Standard Reference Conditions (STP)
- 200°C at 25Pa
- 30-minute exposure
- Assessment report: EXOVA BWA-RIR-22525

Fire Rating

Up to 4 hours fire integrity tested to AS1530.4





## ResQ-Window™ for Lift Openings

### Vision Panel Fire Curtains by Greene Fire

The **ResQ-Window™** is a purpose-designed vision panel system for fire curtains protecting **lift openings and lift lobbies**. Integrated within a **Greene Fire** curtain system, it enables occupants and first responders to clearly see through the curtain once deployed, delivering critical visibility in vertical transport environments.

### Engineered for Lift Environments

Lift shafts present unique fire and smoke risks due to vertical spread between floors. ResQ-Window™ supports safer evacuation and emergency response by allowing visibility through a deployed curtain at:

- Lift door openings
- Lift lobbies
- Lift lobby muster points
- Protected lift escape routes
- Fire-fighting and evacuation lift locations

This visibility enables safer, informed decision-making before entering lift lobbies during an incident.

### Advanced Fire-Resistant Performance

Manufactured from a patented translucent fire-resistant flexible material, ResQ-Window™ integrates seamlessly into a **Greene Fire** curtain system while maintaining certified performance:

- Withstands temperatures exceeding **1000°C**
- Provides 2 hours **integrity**

### Flexible Viewing Options

ResQ-Window™ can be positioned to provide:

- Low-level visibility
- High-level visibility
- Combined low and high-level viewing panels

This flexibility ensures optimal sightlines within lift lobby configurations.

## Key Benefits for Lift Applications

- Maintain visibility through a deployed lift fire curtain
- Support safe evacuation from lift lobbies
- Improve safety at lift lobby muster points
- Enable first responders to assess conditions before entry
- Identify occupants on the other side of the curtain
- Confirm the presence of fire or smoke prior to access

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