

ResQ-Window™

The ResQ-Window™ is an electrically operated Automatic Fire Barrier to be used to form a barrier against fire. It is the only Automatic Fire Barrier with a translucent window opening on the fire safety market today. This unique products windows remain clear at temperatures in excess of 200°C and gradually transitions to opaque white as temperatures rise to 1065°C.

It is a fully patented technology.

The system has a classification of E120 EW30 C0 in accordance with BS EN 13501 2:2007+A1:2009. The system was subjected to 25 pre-conditioned cycles achieving a C0 classification in accordance with BS EN 14600:2005.

The system was subjected to a fire-resistance test achieving a performance level of 120 minutes to BS EN 1634 1:2014 in accordance with BS EN 1363 1:2012.

Radiation of less than 15kW/m² was measured for a period up to 34 minutes to BS EN 1634 1:2014 in accordance with BS EN 1363 2:1999.

The fabric curtain consists of a lightweight glass fabric reinforced with stainless steel wire and coated with a specially formulated fire-retardant aluminium pigment polyurethane coating.

The fabric surround weight is approx. 640g/m² with a nominal thickness of 0.5 mm.

The 'Safe View' panel is a silicate-based cloth chemically treated to enhance its translucent performance. The 'Safe View' panels are around 270 mm x 415 mm. The weight is approx. 460 g/m².

Disclaimer

Smoke & Fire Curtains Ltd. has a policy of continuous product improvement. As such we reserve the right to change design and specifications without prior notice. Please check our website for the latest information.

The fabric swatch is not intended to be tampered with.

The swatch is glass fibre based and if damaged could become an irritant when handled so please ensure you wash your hands after handling.

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ResQ-Window™

The potential within the ResQ-Window™ development is game-changing for the marketplace. It will mean, for the first time ever, that firefighters will be able to see if there are survivors behind an Automatic Fire Barrier through the clear vision 'Safe View' panel to immediately assist their dynamic decision process.

ResQ-Window™ is designed for doorways, corridors, lift shafts, areas of refuge and other areas where people and emergency services may need access.

The two transparent windows in the ResQ-Window™ Automatic Fire Barrier are positioned to allow a low and high-level 'Safe View' through the panels.

ResQ-Window™ is strong, flexible and has no toxic gassing or surface flaming when exposed to fire and is made from specialised fabrics, extremely high resins and Nano-particles.

The system remains hidden until required. Upon receiving a signal from the fire detection system or on loss of power the Automatic Fire Barrier unwinds to its fire operational position by gravity with the 'Safe View' panels aligned to the correct height from finished floor level.

Optional Extras can all be provided, depending the design application type:

- *Split Drop
- *Emergency Retract Button
- *Audio Visual Alert
- *Beam Sensors
- *Delay on Alarm



ResQ-Window - Headbox Sizing Chart

Curtain Drop	Single Box
	Standard
	Size (WxH) mm
Up to 3m	180mm x 180mm

The ResQ-Window™ system can be provided to protect opening widths of up to 3m on a single roller with heights up to 3m.