



## **Armourpost fire curtain – Fire safe 240**

Fire Safe 240 has fixing options to suit all types of ceiling configurations and can be integrated into either a suspended or a solid ceiling. It 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.

Fire Safe 240 can be provided to protect openings widths of up to 30m on an over lapping system and heights up to 6m.

The Fire Safe 240 is an electrically operated Automatic Fire Barrier to be used to form a barrier against fire. The system has a classification of E240 EW30 Sa 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 over 240 minutes to BS EN 1634 1:2008 in accordance with BS EN 1363 1:1999. Radiation of less than 15kW/m<sup>2</sup> was measure for a period up to 41 minutes to BS EN 1634 1:2008 in accordance with BS EN 1363 2:1999.

The system was subjected to a smoke leakage test achieving an Sa classification to BS EN 1634 3:2004.

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 weight is approx. 640g/m<sup>2</sup> with a nominal thickness of 0.5mm.

The fabric has been independently tested for reaction to fire in accordance with BS EN ISO 1716:2010 and BS EN 13823:2010 achieving a classification of A2-s1, d0 in accordance with BS EN 13501 1:2007+A1: 2009.

Curtain Drop	Single Box	Double Box
	Standard	Over / Under
	Size (WxH) mm	Size (WxH) mm
Up to 2.5m	160 x 160	160 x 320
2.5m to 4m	180 x 180	180 x 360
4m to 6.6m	210 x 210	200 x 400

### Split Drop



An optional braking system is available to allow a stage descent during deployment. Partial descent to a predetermined level to permit preliminary escape and initial smoke containment, after delay the barrier descends to full operational position.

Beam Sensors



Delay on Alarm



Audio Visual Alert



Smoke Seals



Emergency Retract Button



Voice Warning Recorder



Smoke Detector



Fireman's Over Ride Facility



Heat Detector



# Typical Details – See Head Box Size Chart

