

## FireSafe 60

The FireSafe 60 is an electrically operated Automatic Fire Barrier, to be used to form a barrier against fire.

The system was subjected to a fire-resistance test achieving a performance level of 60 minutes to BS 476-22:1987 in accordance with BS 476-20:1987.

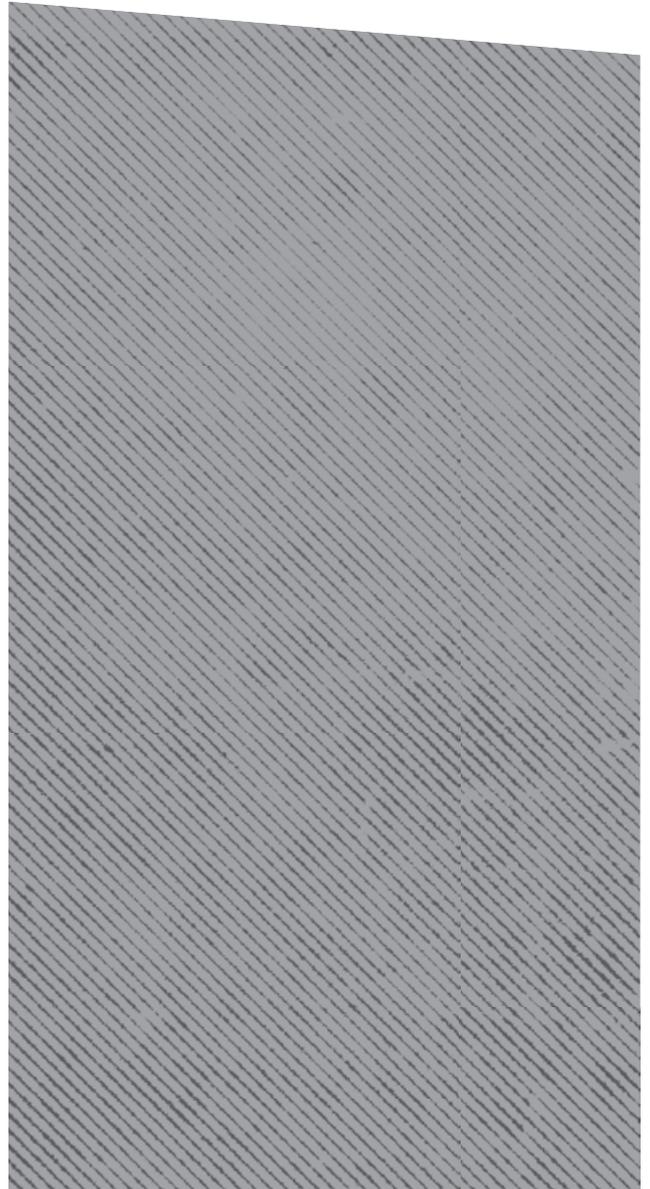
Prior to our testing the full system was subject to 25 manually operated cycles specific to EN14600:2005 achieving a C0 classification.

The curtain fabric is made from filament glass fibre, treated with proprietary finish to enhance temperatures resistance. Both sides of the fabric are coated with a flame-retardant silver-grey aluminium filled polymer. The fabric weight is approx. 450g/m<sup>2</sup> with a nominal thickness of 0.4 mm.

The fabric has been independently tested for reaction to fire in accordance with BS 476 6:1989 and BS 476 7:1997 to achieve Class 0.

The FireSafe 60 active fire curtain barrier can be integrated with both solid and suspended ceilings and will remain hidden within the ceiling until signal to operate to its fire protective position.

The FireSafe 60 is suitable for application types that require a 60-minute integrity surround.



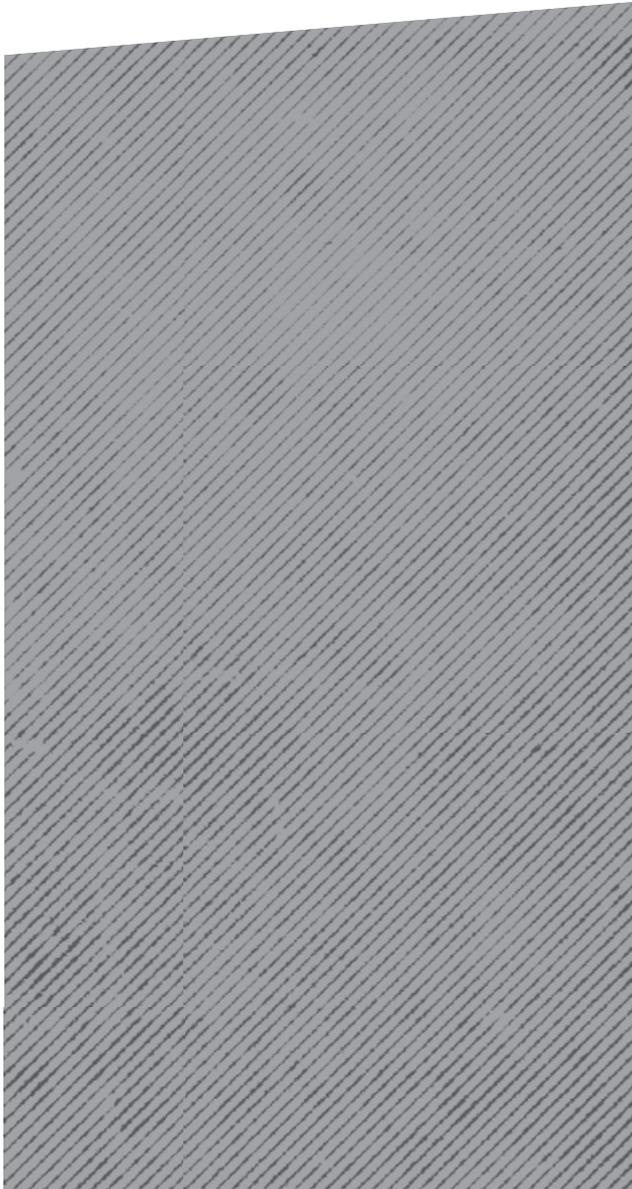
### **Disclaimer**

*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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## FireSafe 60

FireSafe 60 is enclosed in a head box manufactured from 1.2 mm Zintec steel with a removable cover plates allowing access to the fabric curtain roller for ease of service and maintenance. The lower edge of the fabric curtain incorporates a bottom bar. This weighted bar enables the fabric curtain to unwind, upon receipt of a signal, to its fire operational position. The bottom bar helps to stabilise the fabric curtain and provides an interface against the underside of the head box. The roller is constructed from steel tube, which incorporates a 24Vdc motor which is connected to the systems control panel. The fabric curtain edges are retained in side guides either side of the opening and are fixed to the construction opening.

FireSafe 60 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.

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

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

**FireSafe 240 - Headbox Sizing Chart**

Curtain Drop	Single Box Standard Size (W x H)
Up to 2.5m	140 x 140mm
2.5m to 4m	160 x 160mm
4m to 6.6m	180 x 180mm

FireSafe 60 can be provided to protect openings widths of up to 6m and heights up to 6.6 m.

Engineering Assessments on the FireSafe 60 allows for smaller depth of side guides.