



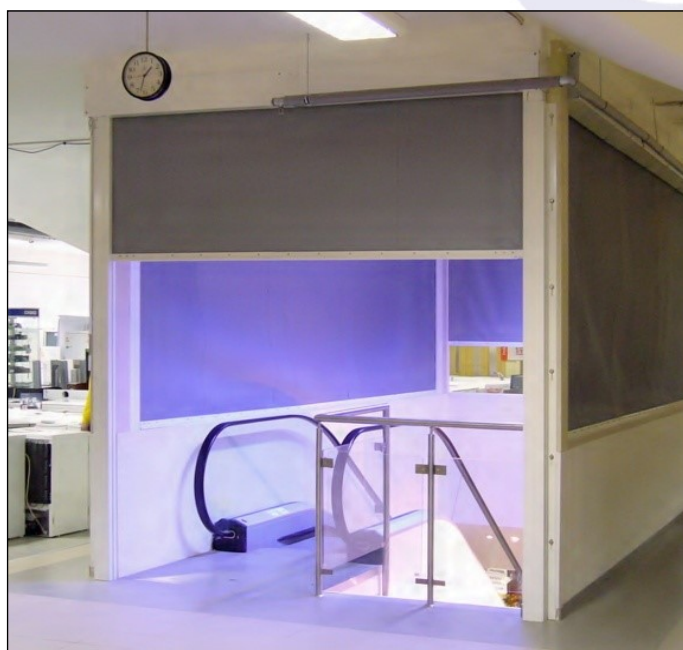
Bolton Gate Company

FIRE CURTAIN - FIBREROLL S

Smoke Tight, Fire Resisting Rolling Curtain

Data Sheet 18-6

February 22



FIRE CURTAIN - FIBREROLL S SPECIFICATION SUMMARY

Bolton Gate Company, the acknowledged leader in the field of rolling fire door technology, are pleased to offer the Fibreroll range of fire rated curtains.

These fire curtains are specifically designed to provide smoke tight, fire compartmentation and a protected means of escape all within a compact, aesthetically pleasing yet robust and reliable system.

The Fibreroll S benefits from additional design elements which integrate a series of seals resulting in a Sa smoke tight rating. The woven glass fabric with stainless steel wire reinforcement provides not only a two-hour fire integrity between fire compartments but also a reduction in radiated heat to such a large extent that it meets the requirements for a rating of EW30.

Applications include:

Any internal application where fire compartmentation is required but is ideally suited for :-
Retail Malls, Offices, Receptions / Foyers, Lift Lobbies / Lift Doors, Open-plan Private Residencies.

Performance Characteristics:

Smoke tightness: Sa classification
Resistance to Fire: E30, E60 or E120 classifications
Including Rigid and Flexible Structures
Radiated Heat: EW30
Reduction of 15kW/m² to EW30 classification

Smoke: Tested to EN1634-3
Fire: Tested to EN1634-1 all in accordance with EN13501- 2, EN15269.

Key Attributes:

Fire rated and smoke tight curtain.
CE Marked or BS8524 options available.
Compact and light weight design.
Bespoke manufacture to suit individual openings.





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FIRE SHUTTER - FIREROLL S Smoke Tight, Fire Resisting Rolling Curtain

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Operation

Electric operation is by means of a tubular motor suitable for connection to a 230-volt nominal single-phase supply with gravity failsafe closure in a fire condition.

A control panel is provided with the facility for connection of a normally closed volt free contact from the Client's fire alarm system. A battery is included to prevent unwanted closing of the curtain in case of power failure.

The curtain will automatically descend upon receipt of the fire signal.

If the curtain system is to be used on an escape route, only local heat detection can be used. This can be accommodated by our operating controls.

Curtain

Specially reinforced and coated fibre-glass material 0.7mm thick which is designed to withstand temperatures in excess of 1000 degrees C.

Bottom Rail

A steel bottom rail is attached to provide rigidity and act as a weight to assist closure.

Guides

Manufactured from galvanised steel and formed into a slim-line profile which is prepared for bolting to the opening structure. An integral sealing arrangement is incorporated to prevent the passage of smoke around the edges of the curtain.

Roller

The roller comprises a suitable diameter steel tube in which the tubular motor is fitted at one end and steel shafts / discs at the other.

Endplates

Galvanised steel endplates are provided with integrated angles to simplify installation.

Coil Casing

The roller is covered by a galvanised steel casing which also acts as a fire seal at the head complete with an integrated smoke baffle.

Finish

The curtain is supplied in a neutral grey colour with the side guides, bottom rail and coil casing supplied in a standard galvanised finish.

Maximum Size

5000mm wide x 3000mm high

Weight

Curtain	0.78Kg/m ² approx.
Barrel / Casing	30Kg / m approx.

Options

- BS8524 approval option.
- Sounder beacon during closing.
- Voice warning during closing.
- Emergency retract via UPS and push button on 1 or 2 sides
- Two stage or delayed descent.
- Obstruction warning using light curtain or photocell with delayed timer and sounder.
- Side guides, bottom rail and coil casing supplied with polyester powder coated finish to alternative RAL colour from standard range.
- Local heat detector.

To specify this product please state:

Fire Curtain—Fibreroll S shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

Tel: 01204 871001;

E-mail: sales@boltongate.co.uk **Web:** www.boltongate.co.uk

