



Bolton Gate Company

FIRE CURTAIN - FIBREROLL E120 - EW20

Fire Resisting Rolling Curtain
BS8524-1 and BSEN1634-1

Data Sheet ref. Fire 7

November 25



FIRE CURTAIN - FIBREROLL E120

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 fire compartmentation and a protected means of escape all within a compact, aesthetically pleasing yet robust and reliable system.

Utilising a fully tested woven glass fabric with stainless steel wire reinforcement, the Fibreroll E120 Rolling Fire Curtain provides up to two hours fire integrity between fire compartments.

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:

Resistance to Fire:	E120 classifications
Radiation Control:	EW15 & EW20 (dependent on opening configuration)
Fixing:	Rigid (blockwork) structures.

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

Key Attributes:

- Fire rated reducing curtain.
- CE Marked.
- Compact and light weight design.
- Bespoke manufacture to suit individual openings.
- Range of controls.





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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 and retract once removed.

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 fiberglass material which is designed to withstand temperatures more than 1000 degrees C.

Bottom Rail

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

Side Guides

Manufactured from galvanised steel and formed into a slimline profile which is prepared for bolting to the opening structure.

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 galvanized steel casing which also acts as a fire seal at the head.

Finish

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

Maximum Sizes

E120	Unlimited width x 6000mm high
E120 EW15	up to 6000mm wide x 6000mm high
E120 EW20	3000mm wide x 3000mm high

Please discuss size availability of E120 W15 with our technical sales team.

Weight

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

Options

- 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 E120 - EW20 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