

Bolton Gate Company offers probably the most comprehensive range of modern fire resisting shutters available on the market today; products which satisfy the needs of large/complex packages as well as meeting the most stringent safety and insurance requirements. All Bolton Gate fire doors and shutters are tested and assessed by officially recognised and competent authorities.

Bolton Gate fire resisting roller shutters are designed for fire protection with durability and reliability in mind. Fireroll E120 is suitable for various installations including department stores, shopping centres, warehouses, factories and car parks. The shutter has been tested to EN 1634-1 for fire resistance and is rated E120-C0 in accordance with EN13501-2 and EN 14600. The product is CE marked accordingly.

STANDARD SPECIFICATION



Curtain

Shutter curtains are constructed from continuously interlocked 76mm curved section steel laths which are securely held in place by end locks. Lath thicknesses vary dependent upon opening size. Bottom rails are galvanised and roll formed into a Tee section.

Guides

Channel section galvanised mild steel guides with slotted fixings for expansion in a fire are fixed to the jambs with continuous steel angles.

Roller

The roller is made from seamless tube of adequate diameter to avoid deflection and is supported by bearings on steel endplates.

Casing

A galvanised steel coil casing is supplied to maintain the fire seal at the head.

Prime painted mild steel of appropriate thickness relative to door size.

OPERATION

Suitable for all sizes of shutters, the Speedsafe drive unit has a 240-volt 1 phase or 400-volt 3 phase geared induction motor with an electromagnetic brake, limit switches, release unit, a built-in starter panel and low-level keyswitch with emergency stop button.

The design provides a fail-safe system which will close the shutter automatically in the event of a fire situation.

Activation is via a signal for the fire alarm system to an auto reset solenoid which when activated releases the motor brake allowing the shutter to close by gravity with a controlled descent.

A safety brake is supplied to comply with the safeguarding requirements of EN 12604.

Manual operation in the event of a power loss is achieved by releasing a pull cord to close the shutter under controlled descent and a hand chain to open.

FINISH

Fireroll E120 is supplied with the majority of parts galvanised as standard. Where non-galvanised parts are utilised these are finished with one coat of primer paint.

WEIGHT

Varies with opening size dependent on lath/barrel/casing requirements but approximately 35kgs/m².

OPTIONS

- Heat/smoke detectors
- Audio visual warning
- Polyester powder coated finish in a range of standard RAL colours.
- Grade 304 or 316 stainless steel.