

Bolton Gate Company's Fireroll range of roller shutters is the most comprehensive available in the market. The latest addition is the Fireroll Acoustic Servery Roller Shutter which combines fire resistance with a high degree of sound reduction.

In an extensive testing regime at the Department of Acoustics at Salford University, the door achieved a sound reduction of 25dB Rw and has also been successfully tested for two hours fire resistance to BS 476 Part 22 and EN 1634-1 when it also achieved a two-hour radiation reduction classification (EW120).

The product can be utilized in any application where fire and sound compartmentation are required but has been specifically designed for use in schools and in particular multi-purpose halls where Building Regulations specify that half or one-hour fire compartmentation is required but where a sound-break is also essential to avoid disruption from kitchen staff when assemblies or other school activities are taking place in the main hall.



STANDARD SPECIFICATION

Curtain

Shutter curtains are constructed from 100mm high flat section continuously interlocked galvanised steel laths which are securely held in place by steel end locks. Each lath is infilled with fire resisting acoustic material and a steel bottom rail is fitted at the base.

Guides

Vertical guides are formed from galvanised steel channels and are supplied with suitable angles for fixing to the structure.

Endplates

Prime painted mild steel of appropriate thickness relative to door size and supplied with angles for fixing to the structure.

Barrel

The barrel is constructed from seamless steel tube of adequate diameter to resist deflection and held in bearings or cups attached to the endplates.

Casing

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

Finish

The standard finish of the internal face is white with the external face available in a wide range of RAL or BS colours.

Electrical Operation

All shutters are electrically operated and have adjustable limit switches incorporated to stop the shutter at the end of each travel. Smaller shutters are supplied with a single phase tubular motor with larger units being driven by the highly reliable Speedsafe motor which allows gravity failsafe closure in fire conditions via a fusible link or auto reset solenoid or magnet.

Standard controls are open/close/stop buttons with other options available.

MAXIMUM SIZES

3 metres wide x 1.5 metres high (tubular motor)
7 metres wide x 3.0 metres high (external motor)

OPTIONS

- Keyswitches
- Fusible links
- Auto reset solenoids
- Auto reset magnets
- Polyester powder coated finish
- Fascias

WEIGHT

Approximately 50kgs/m².

