

Bolton Gate Company's Eurofold fire-resisting folding shutter has been tested extensively in accordance with BS 476 Part 22 1987 and BS EN 1634-1 for up to four hours fire resistance. Its' compact folding action allows the widest of openings to be covered and coupled with its' low headroom requirement, the Eurofold door has significant advantages over vertically moving doors.

The door is available in a single or pair configuration and has been successfully installed in thousands of buildings worldwide.

STANDARD SPECIFICATION

Gate Frame

The gate frame is constructed from unique double channel vertical pickets made from galvanised steel interconnected by 2mm thick galvanised rolled section lattice bars.

The gate frame is top hung from ball-bearing pulleys connected to the pickets by zinc-plated pulley brackets. At the base, the frame is fitted with zinc-plated guide pieces designed to run in a bottom track.

Leading Edge

Roll-formed galvanised steel 117mm wide prepared for locks and fitted with Number 10 bow handles. Connection to the drive chain on electric doors is effected at the top of the leading edge.

Shutter Leaves

The shutter leaves are rolled from galvanised steel and are available in the standard width of 229mm with 152mm and 305mm versions also available.

Top Track

The standard top track from which the shutter is suspended is constructed from two galvanised steel sections 90mm deep, bolted together to give a strong smooth running section for the shutter thus minimising friction.

Bottom Track

A galvanised bottom track is supplied as standard within which the bottom guides run. An anti-sway version is available which negates the need for a bottom track where an unbroken floor surface is preferred.

OPERATION

Manual operation

Manually operated doors are suitable for smaller openings or where operation is either infrequent or only in a fire condition and are supplied in a single-leaf arrangement with activation in the event of fire via drop weights and a fusible link or 24 volt DC holdback magnet



Electric operation

Suitable for all sizes of opening, electric operation is achieved by a 400 volt 3 phase geared motor mounted on the top track with a fire relay included within the control panel to receive a 24 volt DC fire signal from the BMS or Fire Alarm. A maintained and protected AC supply is required for this version.

MAXIMUM SIZES

20 metres wide x 7 metres high.

FINISH

Mainly galvanised with other parts prime painted.

WEIGHT

Approximately 35 kgs per m2.

OPTIONS

- Manual or electric operation
- Vision panel
- Choice of fire activation
- Polyester powder coating

FIRE RESISTING EUROFOLD DOOR – TECHNICAL DETAILS

