

# Fire Shutters



The fire shutter is suitable for all applications with at least 350mm headroom and up to 7 metres wide by 7 metres high. Mainly used for complementation of warehouses, kitchens and large commercial premises such as airports. All fire shutters have been successfully tested to BS476 Part: 22 : 1987 at Warrington Research Centre to 1, 2, and 4 hour.

## Operation

### Self Coiling

Push up shutters are designed to remain open and only close in the event of a fire. However a small amount of tension is applied to assist in opening.

### Manual Chain

Operated shutters are raised using a controlled descent unit/gearbox with a continuous hand chain.

### Electric operation

A selection of three phase and single phase motors are available from 1/2 hp to 2 hp, complete with rotary limits for setting door travel, manual override in the event of power failure, controlled descent and safety interlock. All activated by up, down, stop push buttons as standard.

### Activation

Doors activated by fusible link as standard.

### Barrel

Constructed from 127mm O/D steel tube (generally) with helical counter balance spring for doors up to 7m wide x 7m high.

### Curtain

Constructed of traditional 3" interlocking lath of various strengths depending on application 18/20/22 gauge and retained by pressed steel/cast endlocks.



**BI-FOLD ROLFE LTD**  
*Industrial Door Specialist*

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UNIT 4, CALCOT MOUNT, CALCOT LANE, CURDRIDGE, HAMPSHIRE SO32 2BN  
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### Channels

Standard guide channels 65mm x 32mm x 3mm galvanised finish bolted to 75 x 50 backing angle.

### Bottom Rail

Constructed from cold rolled pre-formed 'T' section galvanised finish.

### Canopies

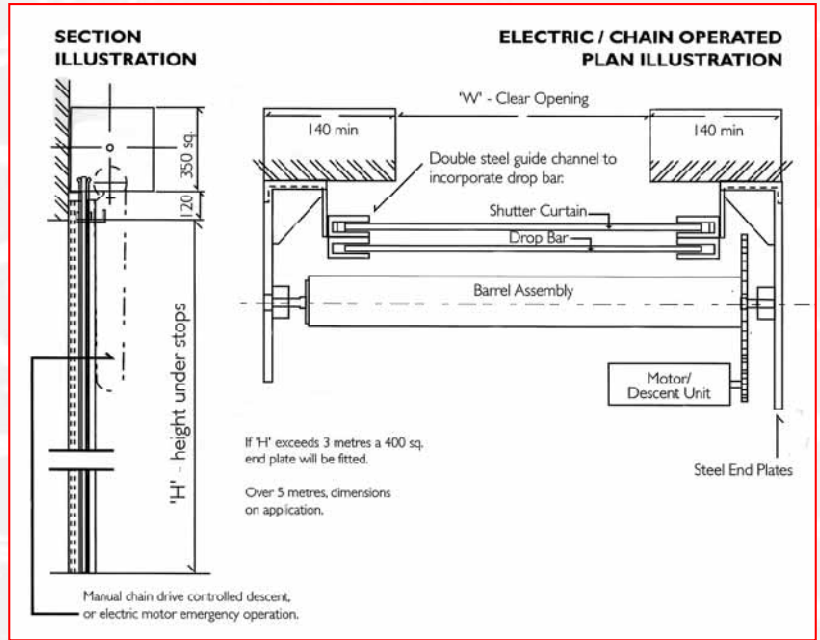
All doors are fitted as standard with a 20 gauge galvanised smoke hood.

### Finishes

Galvanised (Standard)  
Polyester Powdercoat

### Optional extras

- Auto reset
- Audio/visual displays
- Power operation
- Solenoid release
- Photocell safety
- Motor canopies



### END PLATE SIZE PARAMETERS

| Structural Height | Endplate Size |
|-------------------|---------------|
|-------------------|---------------|

|              |               |
|--------------|---------------|
| 0000 to 3000 | 550 W x 350 H |
| 3001 to 4000 | 600 W x 400 H |
| 4001 to 5000 | 650 W x 450 H |
| 5001 to 6000 | TBA           |



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