

## FIREROLL A0 CLASS

### Manually Operated Roller Shutters

Bolton Gate's new range of Fireroll A0 shutters has been developed with failsafe closure and safety in mind whilst maintaining a high aesthetic appearance and offering a solution to all manner of openings in fire rated bulkheads. The shutters are manufactured in the UK in accordance with the Company's ISO 9001 Quality System.

All shutters have been successfully tested to the latest IMO Resolution A.754 (18) and are approved by most of the leading Marine Authorities including Lloyds, American Bureau of Shipping, US Coast Guard, Det Norske Veritas and Bureau Veritas. All designs hold MED approval and are labelled with the relevant wheelmark.

The range is available in a choice of high quality decorative finishes from standard galvanised to polished stainless steel (grade 304 or 316) and an extensive range of polyester powder coated colours from the RAL range.

Manually operated shutters are ideal for smaller openings such as server counters, pizza ovens and grille stations or where the shutters require infrequent operation.

#### STANDARD SPECIFICATION

##### Operation

Manual push-up, pull down operation is via lifting handles fitted to the bottom rail. Self-closing in a fire condition is achieved by activation of a fusible link when the local temperature exceeds 68°C or interruption of a continuous fire signal to a 24 or 220 volt DC magnet.

##### Curtain

Shutter curtains are constructed from continuously interlocking flat section galvanised steel laths 51mm high x 0.9 thick securely held in place by endlocks.

##### Bottom Rail

The bottom rail is formed from a reinforced lath to give uniformity of appearance. A stainless steel nameplate is fitted stating the relevant approval body and the door reference for traceability purposes.

##### Side Guides

The shutter runs in vertical guides which are fabricated from cold rolled galvanised steel channels 52 x 25mm with continuous steel angles, which are pre punched to ensure fixing to the bulkhead at the correct centres. A secondary channel is incorporated in which the drop bar is engaged.

##### Hood

Constructed from galvanised steel and attachment to the structure by setscrews.



##### Roller

The roller is made from seamless steel tube of adequate diameter and wall thickness to avoid deflection and its solid steel shaft is supported in cups / bearings mounted on each endplate. A counterbalance spring is fitted within the roller and fine adjustment of tension is achieved by a ratchet / pawl mechanism fitted to the outside of one endplate.

##### Endplates

Fabricated from steel plate and prepared to accept the hood. Securely bolted to steel angles which are drilled for attachment to the bulkhead at the correct centres

#### MAXIMUM SIZES

Approved: 2620mm wide x 2290mm high  
Recommended: 2620mm wide x 1500mm high

#### WEIGHT

Approximately 25kgs per m<sup>2</sup>.

#### OPTIONS

- Polyester powder coated finish to a standard RAL colour.
- Grade 304 or 316 stainless steel construction.
- Holdback magnets (24 or 220 volt DC)
- Cylinder locking
- Proximity switch to signal fully closed status.

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