

**B**olton Gate Company's 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, DNV GL and Bureau Veritas. All designs hold MED approval and are labelled with the relevant wheelmark.

In keeping with SOLAS II-2, when combined with a third-party sprinkler system, this A0 shutter can be used as an alternative when A60 is a requirement for a servery type opening.

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 servery 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 0.9mm thick which are securely held in place by endlocks.

#### **Bottom Rail**

The bottom rail is also 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.



#### **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 coil casing. Securely bolted to steel angles which are drilled for attachment to the bulkhead at the correct centres

#### **Coil Casing**

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

#### **Finish**

The shutter is supplied in a white polyester powder coat finish (RAL 9010) as standard.

#### MAXIMUM SIZES

2620mm wide x 1500mm high.

#### WEIGHT

Varies with opening size but approximately 50kg/m<sup>2</sup>.

#### OPTIONS

- Connection to vessel alarm via holdback magnets (24 or 220 volt DC).
- Polyester powder coated finish to a standard range of RAL colours.
- Grade 304 or 316 stainless steel construction.
- Cylinder locking.
- Proximity switch to signal fully closed status.

# FIRE SHUTTER - FIREROLL A0

## Manually Operated A0 Fire Resisting Roller Shutter

MAXIMUM SIZE: 2620 WIDE x 1500 HIGH (RECOMMENDED)

