



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED393026CS

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2025/1533.

MED Item N° **MED/3.16**

USCG Category N° **164.136**

Description **Fire doors**

Type **FIREROLL A0**

Applicant **BOLTON GATE COMPANY LIMITED**

WATERLOO STREET BOLTON BL1 2SP

UNITED KINGDOM

Testing standards **IMO Res. MSC.307(88)-(2010 FTP Code), as amended.; IMO MSC.1/Circ.1319**

Reference standards **SOLAS 74 Reg.II-2/9, IMO MSC.1/Circ.1511/Rev.1**

Issued in Genoa on

August 19, 2026

This Certificate is valid until

August 18, 2031

This Certificate consists of this sheet plus an attachment

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.



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Manufacturer

BOLTON GATE COMPANY LIMITED

Place of Manufacturer

WATERLOO STREET BOLTON BL1 2SP
UNITED KINGDOM

Name & place of Authorised Representative

Authorized Rep Compliance Ltd.
71 Lower Baggot Street, D02 P593, Dublin
IRELAND

Product description

Rolling shutter having maximum clear opening of 3600 mm (W) x 2500 mm (H) or maximum clear opening of 6100 mm (W) x 2200 mm (H) installed in a steel bulkhead.

The main component of the rolling shutter are:

- top roller assembly (two roller shafts + a tube);
- a shutter curtain;
- vertical guides assembly (two vertical guide angles + two guide channels);
- a bottom rail;
- protective casing.

The shutter, made of profiled stripes, is rolled to the shafts and is directed into the guides.

The main characteristics of the components are the following:

- shafts having diameter of 31.75 mm and length of 500 mm; tube having thickness of 3 mm and diameter of 133 mm;
- steel interlocking stripes 0.9 mm thick and having maximum width of 51 mm;
- vertical guides made of 3 mm thick steel angle profiles having dimensions of 65 x 50 mm, screwed to the bulkhead by means of M8 screws; guide channels, mounted to each angle profile, having dimensions of 49 x 19 mm (inside) and thickness of 3 mm;
- reinforced bottom rail composed of two steel bars having dimensions of 40 x 6 mm;
- steel protective casing for the roller and the motor.



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Field of application

Fire resistant A-0 Class shutter door with the fire hazard on both sides, in compliance with IMO MSC.1/Circ. 1319 dated 11 June 2009. In this case, with regards of the tested dimensions (clear opening of 3600 mm (W) x 2500 mm (H)), the dimensions relevant to the height and width of the door may be increased of 15% provided that the surface area is not increased of more than 10%.

For doors exceeding 50% in surface area with respect to the tested doors, the installation on board has to be submitted, on a case-by-case basis, also to a full analysis based on Solas Regulation II-2/17 (alternative design).

In case of doors in compliance to the "Agreement between the European Community and the United States of America", the present certificate is valid at the following conditions:

- maximum door size tested;
- door used with a fire tested frame design.

The surfaces of this division may be fitted with products having low flame spread characteristics, installed as described in the relevant type approval certificates and satisfying the requirements of SOLAS 74 Reg. II-2 as applicable.

Reference documents

Bolton Gate Company drawings enclosed to DBI Fire and Security Test Laboratory report No. PGB10469A dated 11 September 2025.

Bolton Gate Company drawing "A0 Marine shutter 6100 x 2200 mm" enclosed to the job No. 2026CS013930.

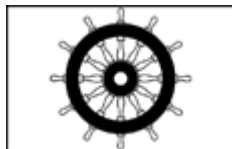
Tests carried out

Test as per DBI Fire and Security Test Laboratory report No. PGB10469A dated 11 September 2025 according to IMO 2010 FTP Code Part 3.

DBI Engineering Assessment of a Marine Steel Fire Shutter No. JOG TIB AAA Version 2 dated 22 June 2026.

RINA Consulting Document Review No. P0048971-H1 Rev.0 dated 15 July 2026.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*

YY *Last two digits of year mark affixed*

USCG Approval marking

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **164.136**.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

This document is electronically signed by
Enrico Cabella

RINA Services S.p.A.