

allshutter doors

84 Paisley Road, Carrickfergus, BT38 9AH. Tel: 028 9336 6974. Email: info@allshutterdoors.com

NBS SPECIFICATION L20 DOORS/SHUTTERS/HATCHES CLAUSE 610 ROLLER SHUTTERS

Manufacturer

Allshutter Doors Ltd.
84 Paisley Road, Carrickfergus, BT38 9AH.
Tel: 028 9336 6974. Fax: 028 9335 5054.
Email: info@allshutterdoors.com
Web: www.allshutterdoors.com

Product Reference

ALS01F.
Commercial 60min fire shutter.

Description

Commercial roller shutter designed and tested to resist fire for up to 60mins.
Maximum sizes 7000mmx3000mm

Application

Typical applications include entrances and internal separation/compartimentation for industrial/commercial premises.
To provide access through a 1 hour fire wall.

Size

Maximum door area 21m².
Width: up to 6m. Height: up to 3m.

Performance

Recommended usage on standard drive operator: maximum 4 cycles per day (over 300 days/year). Please contact our technical team where increased operation is required.
Wind resistance: Class 2- Class 5.
CE-marked in accordance with BS EN 13241, Part 1. Please see Declaration of Conformity for details on compliance.

Arrangement

Door operates vertically.
Face fixed across the opening or mounted in the reveal.

Barrel Assembly

Standard 4/5" diameter tube, unsprung barrel, 30/40mm shaft, INERTIA SAFETY BRAKE, system finished with one coat rust inhibitive primer.

End Plates

6mm steel plates finished with one coat rust inhibitive primer.

Shutter Curtain

Shutter curtain is made from standard 20swg – 3" curved galvanised lath. 1.6mm thick galvanised T – section bottom rail.

Frame/Guide Channel

75x50x6 Heavy duty guide angle complete with 75mm "u" Guide.

Finish as delivered

Standard finish is a galvanised steel shutter curtain, guides and bottom rail, with non galvanised components finished with one coat rust inhibitive primer.

Operation

Power operation only. In tube Motor single phase (240v). Controlled through **Fire control unit**.
Standard operation is by wall mounted keyswitch controls (Function: Impulse open and hold-to-run close.)

Services

Site survey. Risk assessment. Manufacture. Installation. Service. Maintenance. Repair. Annual service contracts. 24 hour emergency repair. Door cleaning. Extended warranty packages.

** Other Requirements Extra to Standard Door Spec

Finish Options

Shutter curtain (one or both sides), guides, bottom rail, barrel (coil casing and motor hood if selected) can be supplied with a PPC finish for better rust inhibition/aesthetics. Wide selection of BS and RAL colours. Pantone matching service. Matt, gloss and satin finishes. Standard finish is a film of between 40-60 microns. Marine grade finish also available.

Control Options

Key switch.
External control buttons.
Battery back-up.

Accessories

Fire door interface

Activated on fire alarm signal. A time delay can be programmed in panel. Whereby the fire alarm signal is held until set time has elapsed. During that time the panel will flash "FIRE DOOR CLOSING" and audible alarm will sound, once time has elapsed signal will be sent to the solenoid allowing the shutter to close under controlled decent.

IMPORTANT FIRE SIGNAL INFORMATION!!

n/o signal required (min 0.5AMPS, NON POLARISED)
A booster panel can be provided if the alarm system cannot provide correct signal, this unit is not included as standard.

Front fascia and soffit panels.
Wind locking.
Contact safety system.¹
Non-contact safety system.²

A fire resistance test in accordance with B.S. 476 Parts 20 & 22 (Assessment of the effectiveness of a roller shutter doors fire protection) was conducted on a roller shutter door assembly in accordance with the British Standard BS476 Part 20 / 22 1987.

¹ Self-checking safety edge stops and reverses the door movement immediately upon contact with an obstacle.

² Photocell light beam sensor will detect the presence of a person or object that interrupts the light beam preventing the door from closing.