

allshutter doors

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

Manufacturer

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Product Reference

ALS03 RSD
High speed rolling door.

Description

A high speed pvc door engineered to protect the inside building temperature from outside extremes (cold and hot).

Application

Typical applications include entrances and internal separation/compartmentation for industrial premises. Robust design suitable for light wind loads.

Size

Maximum door area 36m².
Width: up to 3.5m. Height: up to 8m.

Performance

Recommended usage on standard drive operator: maximum 3000 cycles per day.
Wind resistance: Class 2- Class 5 (depending on vision).
Acoustic performance :Dw value 20Db
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.

Barrel Assembly

Mild steel tube finished with one coat rust inhibitive primer.

Door Curtain

PVC coated polyester high gloss lacquered finish curtain with internal aluminium hollow reinforcing tubes

Frame/Guide Channel

3mm thick roll formed galvanised steel channels with concealed fixing.

Finish as delivered

Standard finish is a galvanised steel frame, with non galvanised components finished with one coat rust inhibitive primer.

Operation

Power operation only. 1-phase inverted 2 speed operator with soft start and soft stop. Electrical control panel provided with logic circuit board and LCD display indicating the operating stages, power circuit with fuses, controlled by the remote control switches, easily adjustable timer, warning signal,

automatic closing/stop, dip switches to select functions, push button panel (open & close) and emergency stop mushroom push button
Contact safety system.¹ (Wireless safety edge)
Non-contact safety system.²(photocells)

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

Shutter curtain Options

Vision panels: single or multiple clear vision panels to provide vision detail.³ Steel concealed strength profile.

Finish Options

Door structure (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.

Operation Options

Direct Drive high speed inverted Operator for increased frequency/speed of operations. 100% duty rating.

Control Options

Key switch.
External control buttons.
Induction loop.
Radar sensor.
Hand-held radio detection remote control. **Optional**

Accessories

Galvanised sheet steel coil casing.
Front fascia and soffit panels.
Motor hood.⁴
Windlocking and internal ridge bars.

Light curtain will detect the presence of a person or object that interrupts the light beam preventing the door from closing.

Number of and arrangement of vision panels subject to door size and required wind loading.

Can be supplied with or without a hinge to allow access to the emergency haul chain.