



Roller shutter doors are a highly cost-effective security solution for industrial, retail, commercial, leisure and local authority applications.

01

Custom-built to suit your individual requirements

02

Available in powered or manually operated form

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Heavy-duty mild steel construction

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Easy to operate with low maintenance

A flexible solution for almost any opening

Construction uses interlocking galvanised steel laths to form a continuous hinge, providing strength while allowing smooth, compact operation.

Finishes include galvanised steel, powder coating and plastisol coating. Curtains can be supplied solid, punched or perforated, in a colour and finish selected for the application.

3 PHASE DIRECT DRIVE

Curtain - 75mm single-skin profile using heavy-duty 20 swg (0.9mm) DX51 galvanised laths, finished with 3 inch pressed-steel end locks and wind anchors.

Guides - 65mm wind-lock guides, increasing to 100mm on larger doors, mounted to 100mm x 50mm x 3mm pre-galvanised fixing angles.

Barrel - Minimum 139mm x 3mm wall thickness, selected to suit deflection requirements. Fully welded shaft assemblies are sized at 25mm, 40mm or 55mm to suit the motor. Finished with silver oxide paint and fitted with a top-lath carrier.

Plates - Manufactured from 6-10mm material according to door size and motor requirement, with slots for installation and adjustment.

INDUSTRIAL HAND CHAIN

Curtain - Heavy-duty 20 swg (0.9mm) 75mm DX51Z25-coated laths with 3 inch pressed-steel end locks. Cast wind locks are standard above 4500mm clear width. The curtain is completed with a 2mm T-rail bottom bar.

Guides - 65mm standard guides up to 4500mm wide; 65mm wind-lock guides from 4501mm to 6500mm; and 100mm heavy-duty wind-lock guides above 6500mm. Face-fit and reveal-fit options are available, with a chain keep as standard.

Barrel - Double-sprung design so that, if one spring fails, the door will only creep down. Tube size is selected for deflection and is never less than 139mm x 3mm. The assembly uses a 6DP 66-tooth steel gear.

Plates - Manufactured from 8mm plate with single or double reduction, finished with a 7 inch or 9 inch chain wheel.



DIRECT-DRIVE MOTORS

Ellard DDO or Guthrie Douglas SafeDrive ranges are used. Both include an integrated safety brake mechanism to meet anti-fall-back requirements. Motors are plug-and-play to a 5-pin 3-phase socket, with mechanical and digital limit options.

Wiring diagrams are available on request. The curtain achieved Class 5 wind-load testing on a 10m x 1m sample.



OPTIONS AND COMPLIANCE

Doors are CE marking compliant to harmonised standards.

High-speed roller shutter doors and fire-rated shutters can also be supplied.

DISCUSS YOUR REQUIREMENTS

Send the opening size, location, intended use and any access restrictions for a suitable roller-shutter recommendation.