

Roller Shutter Doors



Available in power-operated or manually operated form, roller shutter doors can be produced for any size of aperture in a colour and finish of your choice.

- Custom-built to meet your individual needs
- Easy to install
- Easy to operate
- Heavy duty mild steel construction
- Low maintenance

Roller shutter doors are a highly cost effective security solution that will suit a wide variety of applications including the industrial, retail, commercial, leisure or local authority sectors.

Construction comprises interlocking galvanised steel slats which form a continuous hinge for maximum strength and flexibility.

Our comprehensive selection of finishes includes galvanised steel as well as powder or plastisol coating. Shutters can be solid, punched or perforated.

Roller Shutter Doors

3 Phase Direct Drive Roller Shutter Door

Curtain - The curtain is constructed from 75mm single skin profile each consisting of heavy duty 20 swg (0.9mm) laths , DX51 galvanized coated finished with 3" pressed steel end locks and wind anchors.

Guides or guide runners - Guides are manufactured on 65mm wind lock (100mm on larger doors)on 100mm x 50mm x 3mm fixing angles pre galvanized.

Barrel - Barrel is manufactured onto a minimum 139 x 3mm wall thickness dependant on deflection requirement, shaft assemblies are fully welded into place, sizes of shafts are 25mm/40mm/55mm dependant on motor requirement. This is then finished off with silver oxide paint and a top lath carrier is fitted.

Plates - Plates are manufactured from 6-10mm material, dependant on door size and motor requirement. These are slotted for ease of install as well as for adjustment.



3ph direct drive motors - We use either ellard DDO or the guthrie Douglas safe drive ranges , both types of drives have a built in incorporated safety brake mechanism to meet the anti fall back legislation .motors are plug and play to a 5 pin 3 phase socket , mechanical and digital limits options.

Wiring diagrams are available upon request.
Curtain has achieved class 5 wind load testing on a 10m x 1m sample.

Industrial Hand Chain Standard Roller Shutter Door

Curtain - The curtain is constructed from 20swg (0.9mm) 75mm laths (DX51Z25 coated) slid together and finished off with 3" pressed steel endlocks, cast windlocks are fitted as standard on doors over a clear width of 4500mm. This is finished of with a 2mm thick T-RAIL bottom bar.

Guides or guide runners - Guides are manufactured on 65mm standard guides on doors upto 4500mm width and 65mm wind lock guides on sizes over 4501mm to 6500mm width and 100mm heavy duty wind lock guides are used on 6501mm and over.guide channels are made from 3mm pre galvanised material on 100mm x 50mm x 3mm fixing angles manufactured as either face fit or reveal fit dependant on requirement. A chain keep is fitted on the guides as standard.

Barrel - Barrel is manufactured as a double sprung design (we never use single spring for in the case of failure the door will only creep down) tube thickness is dependant on deflection requirement but will never be smaller than 139 x 3mm wall. This is completed with a 6DP 66 tooth steel gear, we never use chain.

Plates - Plates are manufactured from 8mm plate , these can be either single steel gear reduced or double reduced. double reduction is 66 tooth-18tooth-30 tooth-18 tooth , gears are manufactured from 6DP steel, this is then finished off with either a 7" or 9" chain wheel.



All our door are CE marking compliant to harmonised standards.

We can also supply High Speed Roller Shutter Doors and Fire Rated Shutters.

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