



INDUSTRIAL ROLLER SHUTTER DOORS

PRODUCT DATA SHEET

Chase doors are both economical and robust which makes them one of the most popular type of industrial door on the market today. Each door is individually tailored to suit the customer's requirements and can be manually or electrically operated.

SPECIFICATIONS AND FEATURES

- **Barrel** – Constructed from a mild steel tube which encases the counter balance spring(s). The castings mounted within the barrel have either oilite bushes or sealed roller bearings to allow the barrel to run freely on the support shafts.
- **Curtain** – Constructed from 75mm wide traditional lath section, the gauge of which is determined by the size of the door. A galvanized T-section bottom rail is fitted to the bottom of the curtain.
- **Guides** – Constructed from galvanized rolled sections, suitably sized for the application, which in turn are secured to mild steel angles. Wind locked guides may be fitted if the position of the door is susceptible to adverse weather conditions. Standard finish – guides galvanized, angles one coat of grey primer unless otherwise specified.
- **End plates** – Suitably sized for the application and no less than 5mm thick, the end plates are sited above the guide angles. Their purpose is to support the barrel mechanism. Standard finish – One coat of grey primer or galvanized.
- **Locking** – A locking box is supplied as standard with all industrial roller shutter doors. Its purpose being to lock off the hauling chain/manual override chain.

AVAILABLE OPTIONS

- Hood/Canopy/Motor cover
- Plastisol/Powder coated finish
- Weather/Brush strips
- Wicket Gate

AVAILABLE OPTIONS ON ELECTRICALLY OPERATED DOORS

- Safety edge to bottom rail
- Photo cells
- Remote control
- Timed return
- Inductive loop.

Specialist manufacturers of lifts, ramps and loading bay equipment.

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Registered Number 1963631

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INSULATED SECTIONAL DOORS

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This type of Chase door can be used for any application where a high level of insulation and weather resistance is required. They have a pleasing appearance which is combined with ease of operation.

SPECIFICATIONS AND FEATURES

- **Panels** – Insulated door panels are constructed from 0.7mm or 0.5mm galvanized steel sheets, bonded together with CFC free polyurethane foam with integral thermal breaks, to provide a U value of 0.45w/m2oc. The combined effect of the panel insulation properties together with the effect of the thermal bridges at the panel-to-panel joints, results in an overall U value of 0.60w/m2oc. This value exceeds building regulation requirements. Standard finish – White polyester stucco both sides.
- **End caps** – Each panel is fitted with galvanized punched end caps, to accept adjustable roller carriers and rollers. The rollers generally have a steel shaft, nylon running surface and ball brace bearing.
- **Hinges** – Each door panel is connected to its adjoining panel by means of side hinge roller carriers and intermediate hinges at approximate 1000mm centres.
- **Tracks** – Cold rolled 2mm thick galvanized steel track with bends which are pre-formed in pairs to ensure smooth operation. The tracks are secured in the opening structure by vertical support angles and from the roof structure by fixing hangers. Spring buffers are provided to the back tracks to ensure operating cables are always tensioned.
- **Furniture** – As standard all manual doors come with footstep handle and spring loaded shoot bolt, fitted to the right hand side of the door (viewed from inside).
- **Springs** – Calculated to suit the weight of each door, springs are fitted to a 1" solid steel shaft and secured to the opening structure via bearing plates. The number of springs and plates depend on the size of door, we recommend a full width RSC be installed to accept these. To the ends of the shafts are fitted grooved aluminium cable drums on which the operating cables run.
- **Seals** – Flexible black rubber seals are fitted to all four sides. Top seal compresses against the lintel and bottom seal has 3 points of contact with threshold. We recommend threshold is finished with a small incline away from the opening.
- **Operation** – Doors in excess of 3000mm x 3000mm come with chain hoist. Doors of smaller size are provided with pull chain. Electric operation is also available at extra cost.

AVAILABLE OPTIONS

- Special finish to external face of panels.
- Full width single and double glazed aluminium panoramic door panels.
- Wicket gate
- Ventilation Grilles
- Stainless steel hardware.

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