

75MM STEEL ROLLER SHUTTER DOORS

(LOW & HIGH CYCLE)

Retail and commercial

Suitable for both
internal and
external use



APPLICATIONS

Integrity Doors steel roller shutters are suitable for use in loading docks, car parks, factories and warehouses, schools, pavilions, mining, tertiary institutions, correctional centres, defence force facilities, police stations and courthouses.

The curtain slat comprises G2 Z275 galvabond steel.

Available in different material thicknesses, depending on size and application of 0.8mm and 1.0 mm.

TECHNICAL SPECIFICATIONS

Size Maximum shutter sizes are 6000mm wide x 6000mm high.

Curtain The curtain is constructed using 75 x 0.8mm, 75 x 1.0mm interlocking slats, in galvanised steel. Slat thickness is dependent on the opening width (refer to manufacturer). Every second slat is fitted with nylon end clips to minimize lateral movement and to ensure smooth operation. Slats can be replaced individually should they be damaged.

CURTAIN OPTIONS

If ventilation or viewing is a requirement, multi-hole perforations or slotting can be provided.

Multi Holes provide continuous perforation of the slats with 2.41mm diameter holes at 3.66mm staggered centres providing 27% ventilation per slat (which is slightly reduced by any powder coat finish).

Slotting can also be provided with a slot size of 105mm x 26mm either in vertical rows or brick pattern and will provide 22% ventilation per slat (which is slightly reduced by any powder coat finish).

Any number of slats can be perforated or slotted to provide the required airflow requirement.

Standard curtain finish is galvanized steel with the option of a powder coated finish to Dulux Duralloy or Interpon Contemporary range powder coat ranges as standard. Both ranges include suitable matches to the colourbond range of colours. Non-standard colours are available upon request and may attract additional charges.

COMMERCIAL ROLLER DOORS — SHUTTER SALES & REPAIRS

BOTTOM RAIL

The bottom rail is made either from extruded aluminium (which can incorporate a weather seal if required) or alternatively from a roll formed galvanized steel angle which can also be provided with a weatherseal adaptor and rubber seal.

OPERATION

- Chain operation (up to 25.0m²);
- Electric operation is by a 0.75kW (1 H.P.) single / 3 phase motor gearbox, with reversing contactor and an up, down, stop standard controller.
- Alternately, for high cycle shutters exceeding 40 operations per day, electric operation by a direct drive motorisation incorporating a springless drum and brake motor. Includes a standard up, down & stop controller.

Motors include a hand chain override mechanism for emergency use in the event of power failure. Wiring and commissioning can be provided from power supply (supplied by others). Access control systems (card readers, FOBs) by others. A wide range of key switch options, battery backups and remote controls and obstruction detection devices are also available.

LOCKING

Sliding pad bolts (inside or outside) – padlock by others. Suitable for manual shutters only.

Chain operated shutters are locked by a wall mounted chain lock keeper with a padlock, or they can be specified with shoot bolts to the bottom rail.

Manual locking is not recommended on motorised shutters and would not be covered under warranty due to the potential for motor burnout (unless a safety switch is fitted).

DRUM

The drum is manufactured from mild steel or galvanized steel tube and fitted with end caps. Engineered Helical coil oil tempered springs are fitted to an axle inside the drum tube. They are designed to counterbalance the curtain weight when tensioned.

GUIDES

Whilst standard side guides comprise 75mm x 37mm roll formed steel channel, other options include 60mm x 37mm, 100mm x 37mm. An optional 100 x 37mm wind locked guide is also available for additional wind loading and or security.

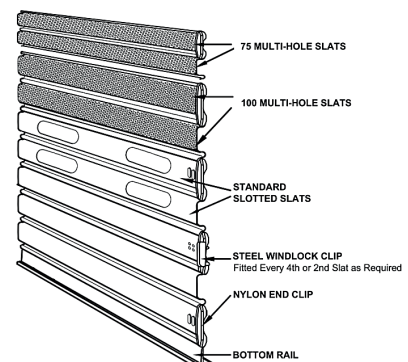
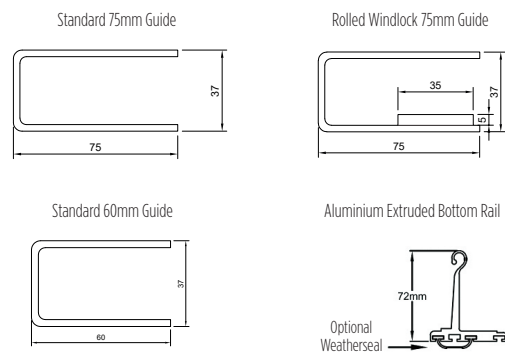
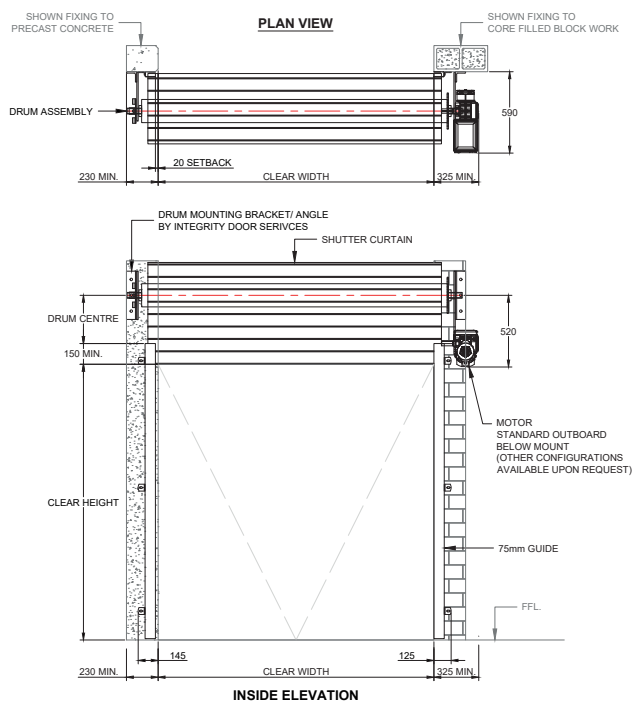
BRACKETS

Integrity Door Services provides two laser cut mild steel drum mounting brackets for each shutter. Brackets are supplied in zinc prime coated or can be hot dipped galvanized for certain applications upon request. The door opening must be suitably prepared/ designed by others to accommodate the above-mentioned mounting brackets.

SPECIAL NOTES

- Power supply: 1 phase 240v or 3 phase 415V or 10A within 1 metre of motor.
- Work by others: power supply, structural support, adequate headroom & side room, structural support.
- Product warranty: 12 months.

Integrity Door Services reserves the right to change specifications at any time without notice.



WARRANTY A 12 month warranty against defective materials and workmanship applies.

NOTE Integrity Doors has a continuous program of development sizes or configuration of product may change at any time. For the latest in design and specification please consult with integrity doors by calling us.