

Roller Shutters

Insulated Rolatherm Shutters

Roller Curtain:

Curtain is constructed from 77mm steel lath, Galvanised finish. The lath is rolled in one section, which is injected with a foam core.

Please note: The insulated lath is not suitable for powder coating. Powder coating is done at customers own risk and will not be done through Indupart.

Operation:

1PH or 3PH GFA direct drive motor pre wired with open/stop/close push button and 16 amp 1 Ph 3 pin CEE plug or 3 Ph 5 pin CEE plug. Emergency manual chain over ride (change over and operation at floor level).

Seals:

Bottom rubber seal and top brush seal. The guides come complete with neoprene brush seals mounted to both inner faces of the guide.

Bottom Rail: An aluminium bottom lath complete with bottom seal ensure the door closes completely, thus eliminating draughts.

Side Guides & Guide Angles:

Aluminium guides with grey primer coated motor support bracket.

Roller Barrel:

Mild steel tube with diameter and wall thickness is used to achieve 1:400 deflection to suit each individual contract. Barrel is fitted with discs and shafts, mounted into bearing(s) and motor.

Roller Barrel Mounting:

Gantry brackets are fabricated from steel angle. Channel and steel flat bar. The motor and bearings sit in position with the brackets.

Finish:

Galvanised finish lath or standard plastisol colour from range below.

Colours Available

Olive Green, Van Dyke Brown, Merlin Grey, Solent Blue, White, Ocean Blue, Sargasso Blue, Poppy Red and Goosewing Grey, Juniper Green, Black.



Tube Op. Roller Shutters

Motor Details

Electrically operated rolling shutter is operated via a 240V single phase tubular motor drive system. Emergency operation is via a manual hand crank fitted as standard.

Curtain

75 mm curved galvanized steel interlocking laths with hard wearing nylon or steel end locks. The curtain is finished with an inverted 'T' section galvanized bottom rail.

Side Guides

65 mm x 32 mm x 2.5 mm straight galvanized channel sections. Formed end plates are attached to the top of the guide angles.

Barrel

Constructed from high quality mild steel tube with an integral motor with supporting shafts.

Controls

Wall mounted key switch or rocker switch.

Optional Extras

Plastisol lath.

Powder coating to our standard RAL or BS range.

Perforated lath.

Heavy duty 'D' section rubber bottom strip.

Top brush strip.

Remote control.



Direct Drive Roller Shutters

Overview

The Indupart Direct Drive Roller Shutter requires no drive chain; no barrel tensioning and no isolator. This means that installation is much easier. And is also extremely safe. Indupart's technical team have compiled detailed installation instructions.

Design and Installation

Doors supplied upto 6500 mm W x 6500 mm H, flag guide set up as standard. High quality bearings - the shaft does not run in direct contact with rough castings. Indupart's Direct Drive Roller Shutters are pre-wired for easy installation and include a 1 Ph 3 pin CEE plug or 3 Ph 5 pin CEE plug. A 16 amp socket must be provided within 1 metre of the motor drive side of the door 1500 mm from finished floor level.

Motor Details

Industrial 3 Ph 230/400v or 1 Ph 230v motor.

Motor protection class: IP65

Cycles per hour: 8 - 20 (dependant on shutter size & phase).

Emergency hand chain (operable from floor level).

Fully pre-wired control panel c/w open/stop/close push button control.

Low level 24 volt control.

Auto close function (optional).

Photocell connections (optional).

Impulse and deadman operation as standard.

Safety edge connections without additional relay(optional).

Radio control with timed return (optional).

