

Roller Shutter Door



- High Speed Doors
- Industrial Doors
- Loading Bays
- Gates & Barriers
- Automatic Doors



Roller Shutter Doors are vertical rolling door systems commonly used to provide easy access and a high level of security for all types of business facilities such as warehouses, factories, commercial shop frontages, arenas, and car parks.

Manufactured in the UK to be reliable, efficient, and robust with a smooth vertical opening, Roller Shutter Doors are a great option for areas where opening space may be slightly limited.

Roller Shutter Doors are available in a range of colours and finishes including plastisol and powder coatings with the option for manual or electrical operation. Optional add-ons include perforated lath, seals, wicket doors, hoods, fascias, soffit panels and locking devices.

BID Group, specialise in the manufacture, supply, and installation of a wide range of industrial doors and provide service, maintenance, and repair solutions, delivering the whole package.

Key Benefits

- High Level of Security
- Reliable & Robust
- Manual or Electric operation
- Low Maintenance and Repair cost
- Internal / External use



Roller Shutter Door

Technical Specification

Curtain	Fabricated from continuously interlocking galvanised rolled steel lath of a minimum thickness of 22swg. Fitted with nylon end locks at each side to prevent lateral movement. Depending on the size and exposure, the door will have cast wind end locks fitted.
Barrel	Constructed from mild steel tube of a sufficient diameter to withstand significant deflections across the width of the opening, fitted with precision-machined axles. Bearings are fitted to the axles to support the weight of the door.
Main support brackets	The main support brackets for the barrel are manufactured from pre-galvanised mild steel plates, they are bolted to the main support angles, which are manufactured, from galvanised mild steel of a minimum thickness of 5mm. The weight of the shutter sits on the floor slab and is fixed back to the main structure at intervals less than 1000mm apart. The guides are fitted to the angles with dome headed zinc bolts.
Vertical side guides	Formed from pre-galvanised mild steel having a thickness of 3mm. The interlocking section holds the wind end locks in place, depending on the width of the door.
Bottom Rail	Inverted "T" section bottom rail fitted as standard to all shutter curtains, manufactured from galvanised 2mm steel then cold rolled into shape. Weather seals are available which fix to the bottom rail.
Canopy	A main canopy can be fitted to cover top roll and improves the appearance of the door, it also acts as a weather seal, and a motor canopy is always fitted to outside doors. All canopies are manufactured from 20swg galvanised steel then folded into shape.
Motor drive	The operator is a hollow shaft geared brake motor complete with geared limit switches with an integral anti-fall back device, thermal overload protection and manual override. Motors are available in three phase and single phase.
Control Panel	The pre-wired door controller is fitted at high level with pre-wired low voltage up down and stop button. Additional control cards can be plugged into the motherboard to allow fully automatic running with the relevant safety features.
CE Marking	All powered doors carry a CE mark and conformity should be verified prior to purchasing a product.

Drawing

