

Roller Shutter Door



At BID Group we believe in providing products that are manufactured to the highest quality. Our Roller Shutter Doors are no different and that is why they are easy to operate, robust, fully galvanised, operated via a direct drive and manufactured at our in-house production facility.

The purpose of our industrial doors, are to allow maximum access whilst providing maximum security.

Roller Shutter Doors are available in all sizes with manual or electric operation. Electric operated roller shutter doors can be fitted with any one or a combination of actuation or safety devices to suit the environment that they are operating in. A range of optional extras available includes seals, wicket doors, hoods, fascias, soffit panels, locking devices, powder coat or plastisol finish.

Roller Shutter Doors are purpose made for industrial and commercial usage. They are suitable for a whole host of applications ranging from warehouse or factories to commercial shop frontage, arenas and car parks.

Benefits

- High level of security
- Simple to use
- Low maintenance and repair cost
- Most economical industrial door per m²
- Manual or electric operation
- CE Marking manufactured to BS EN 13241.1

Roller Shutter Door Specification

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.

The company reserves the right to change specification without notice.