Roller Shutter Specification

Hand Chain operated Roller Shutter doors

Suitable for warehouses/distribution centres/loading bays/commercial buildings

Roller Curtain
75mm deep galvanised cold rolled sections are interlocked together to form the door curtain. The laths are concave in shape and are held together by pressed steel end-locks secured by steel rivets.
The gauge of the lath is determined by the size of the door and the installation location.

Bottom Rail Section
The bottom rail is normally a galvanised inverted T section. On larger applications a fabricated two piece bottom rail may be used.
In special circumstances a tapered bottom rail can be fabricated to suit sloping floors.

Side Guides and supporting angles
Guide sections are manufactured from 3mm purpose rolled section, with different depths dependant upon the width of the shutter.
Guides are secured to mild steel angles, to allow fixture to clients' structure.
Wind-lock guide sections are provided where considered necessary.
We are also able to produce heavy duty specification fabricated guide arrangements, for larger openings.

Roller Shutter Barrel
The roller barrel encases counter balance springs.
Each shutter is fitted with counterbalance springs to suit the shutter size.
The barrel is driven by either a steel drive sprocket, or Reynolds chain, or alternatively cast iron double reduction gearing.

Finish
All mild steel parts are supplied with 1 coat of rust inhibiting primer.
Door curtains are supplied galvanised unless otherwise agreed.

Plastisol Finish
A range of approximately 30 different colours are available for the outside of the door curtain with the inside in a grey primer finish (refer to colour chart section). The plastisol colours are designed to either match or contrast to the external building cladding sheets.

Powder Coat Finish
Powder coat finish is available in a wide range of colours and is applied to the complete door on both sides. Powder coat is a more durable and hard wearing finish and is ideally suited to roller shutters.

Optional Extras

Casing /fascia
The shutter curtain in its fully open state can be enclosed by a galvanised steel casing, fascia, where required, this is an optional item, which will be shown at an additional cost on the quotation, if required.

Wicket Gate
A personnel access door within the Roller Shutter can be provided to enable the shutter to remain closed, when only pedestrian traffic will be required to access the premises. This is an optional item, which will be shown at an additional cost on the quotation, if required.

Ground Locks
It is possible to fit security floor mounted locks to provide additional security in high risk applications, locks are secured by padlocks when the shutter is in the fully closed position.

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