

CHAIN GEAR OPERATED ROLLER SHUTTER

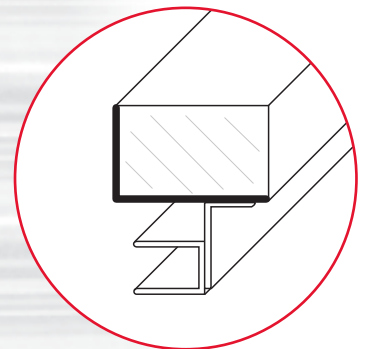
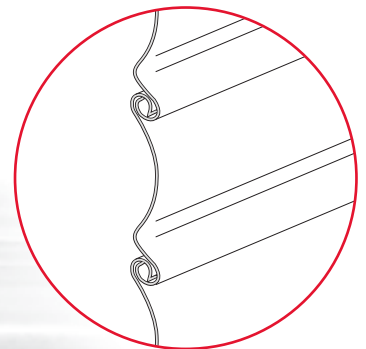
TECHNICAL SPECIFICATION SHEET

The Fitzpatrick Chain Gear Operated Roller Shutter can be supplied with many options, as standard a galvanised finish suitable for general industrial use with heavy duty chain gear. This type of shutter can be supplied with a wicket door for personnel access.

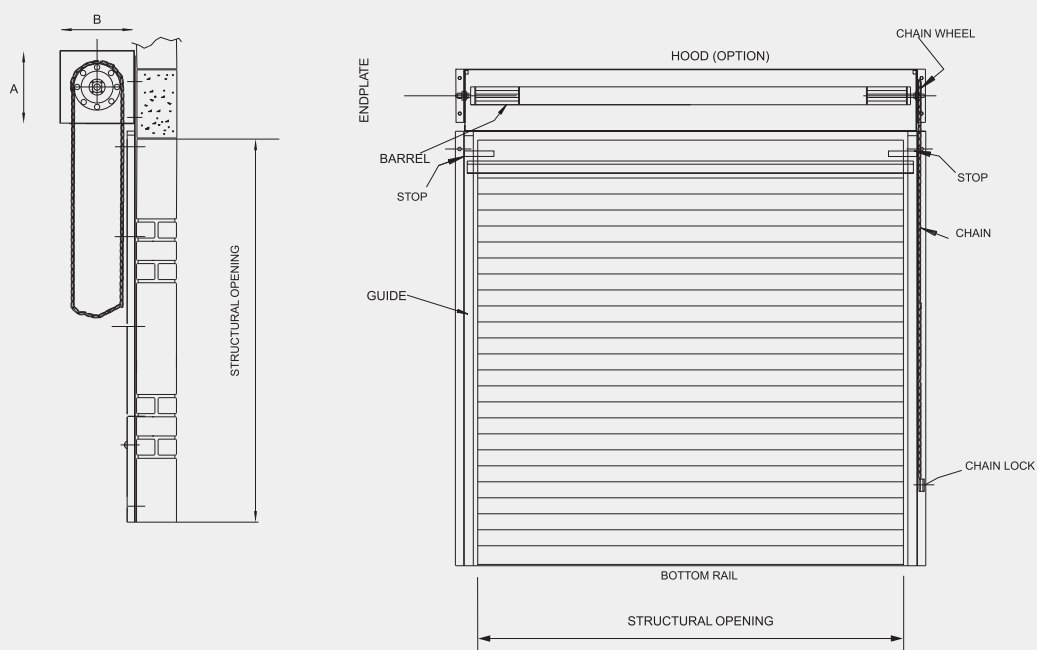
Retail and commercial variations can have a perforated section to allow out of hours viewing, whilst maintaining a high degree of security. A brick bond grille section which can allow up to 60% light or a slotted lath which can create specific designs or patterns within the curtain can be provided. Fitzpatrick Roller Shutters are available with plastisol lath or can be powder coated to any BS or RAL standard colour range.

- Galvanised curtain
- Spring balanced barrel
- Geared reduction for ease of operation
- Chain lock as standard
- Plastisol finish available on curtain
- Powder coating option
- Heavy duty, long trouble free operation

75mm
Scrolled Lath



Typical Guide
Section



Curtain

Constructed from galvanised cold rolled interlocking curved sections of suitable gauge, each alternate lath is fitted with a malleable steel endlock to prevent lateral movement.

Bottom Rail

The base of the curtain is fitted with a steel rail of adequate size forming an inverted 'T'.

Side Guides

Formed from cold rolled mild steel channel sections secured to the opening structure by continuous mild steel fixing angles.

Roller Assembly

Constructed from mild steel tube fitted with counterbalance high tensile helical springs, mounted on bright steel shafts running on bearings, reduction drive gearing where applicable is by machine cut steel gears to suit the size of opening.

Endplates

The Roller Assembly is supported by mild steel endplates with mounting angles for fixing to the support structure. On one endplate steel gears or chain drive are provided when applicable to provide drive to the barrel.

Hood (optional extra)

Formed from galvanised pressed sheet metal to enclose the rear of the shutter barrel and curtain assembly. Press formed with 25mm returns for fixing.

Finish

All parts not galvanised are painted in one coat of protective primer.

Wicket door

A wicket door can be fitted, the door will provide access through the shutter while in the closed position. The wicket door and frame can be hinged away to allow the shutter to be opened.

Option

Plastisol Finish curtain in a range of standard colours to one face of the curtain can be provided or PPC. to BS or RAL standard colours.