

SERIES 19

SECURITY ROLLER SHUTTER SPECIFICATION

SHUTTER TYPE – ELECTRIC / POWER OPERATION
SINGLE PHASE (240V)

OPERATION – KEYSWITCH

MAXIMUM SIZE – 8,000mm WIDE x 3,000mm HIGH

TYPICAL APPLICATION – SHOPFRONT/SERVERY HATCH

CURTAIN	Cold Rolled 3" curved traditional lath, galvanised to BS729:1971, 22 swg (0.7mm thick). Alternate laths are fitted with high density glass filled nylon end locks, which are double pop riveted to prevent lateral movement. The main curtain is attached to the shutter barrel using high tensile hexagon head set screws. A high strength galvanised (BS729:1971) inverted "T- Section" bottom rail is added to the base of the curtain, typically 1.6mm thick.
MOTOR BARREL	Integral tubular motor fitted within circular tube. Lost bobbin system fitted to the "dummy end". Manual override facility on motor end (Via eyelet). Crank handle supplied with each project.
FLAGS	Endplates are constructed from flat 6mm thick mild steel plate (BS 1449) and bespoke mild steel "cups" are bolted to the endplate using high tensile hexagon head bolts, these "cups" are where the barrel shaft is supported. Fixing angles are formed using hot rolled angle section, 75mm x 50mm x 6mm, attached to the fixing angles are the galvanised (BS 729:1971) shutter guides, the guide section is typically 2 1/2" in depth x 1" inside dimension, the guide thickness is 3mm. The flags are coated in a black zinc phosphate primer paint finish.

Optional Extras

HOOD	Weatherproof Hood made from 20swg galvanised material. This covers barrel mechanism & curtain from the elements when fixed externally.
FASCIA	Weatherproof Hood made from 20swg galvanised material. This covers barrel mechanism & curtain from the elements when fixed externally. Normally provided when shutters are fixing between the structural open
BOTTOM SEAL	Rubber "D" section type seal to help prevent vermin & water ingress.

PERFORATED LATH Enables vision/airflow through the roller shutter.

POWDER COATED FINISH A Polyester powder coated finish can be added to the shutter (BS6497:1984) to enhance the appearance. A large range of colours are available from the RAL or B.S. range.

PLASTISOL A plastisol coated finish can be applied to a shutter curtain only. Normally used on internal normal coil fix (giving a colour appearance from the outside). The colour range is smaller than powder coating and is normally used in conjunction with the cladding finish of a building. It is also more competitive than powder coating.

WEIGHT 35 KG's Per Square Metre

Space Requirements

Face Fix

<i>Maximum Width</i>	<i>Geared Sideroom</i>	<i>Non-Geared Sideroom</i>
6000	150mm	76mm Per Side

Between Fix

<i>Maximum Width</i>	<i>Geared Sideroom</i>	<i>Non-Geared Sideroom</i>
6000	Lose 178mm	Lose 70mm

Maximum Height *Headroom*

3000	375mm
4550	425mm