

Contour is an electrically operated lateral rolling shutter purpose designed to negotiate bends, curves, ovals and circles. This ingenious system combines total design flexibility with complete reassurance. Contour is the well-proven security barrier which eliminates the need for unsightly piers that support vertical shutters and is therefore ideal for large open plan areas and atrium constructions. It is also the ideal product to cover large distances without the use of a bottom track. Architects and designers can achieve optimum use of space with an effective yet unobtrusive solution to area separation. Its lateral motion makes Contour particularly suitable for large retail developments and department stores.

STANDARD SPECIFICATION

Curtain

The shutter curtain is constructed from curved section interlocking galvanised laths. The leading edge of the single shutter is led into a bell mouth receiving channel at the closing jamb whilst the leading edges of a pair of shutters are provided in male and female sections to affect an overlapping seal.

Suspension

The shutter laths are suspended from a narrow 200mm deep fabricated top track by means of ball bearing pulleys. The top and bottom of the curtain are attached to a heavy duty drive chain which provides the flexibility to follow contoured tracking arrangements. The top track can be fixed directly to the ceiling slab or a structural downstand or can be supported from hanger brackets permitting the passage of building services through the void.

Shutter Box

The shutter curtain is mounted onto a patented constant-tension barrel assembled in a self-contained vertical fire resistant housing. A removable panel to one side of the housing permits access for maintenance.

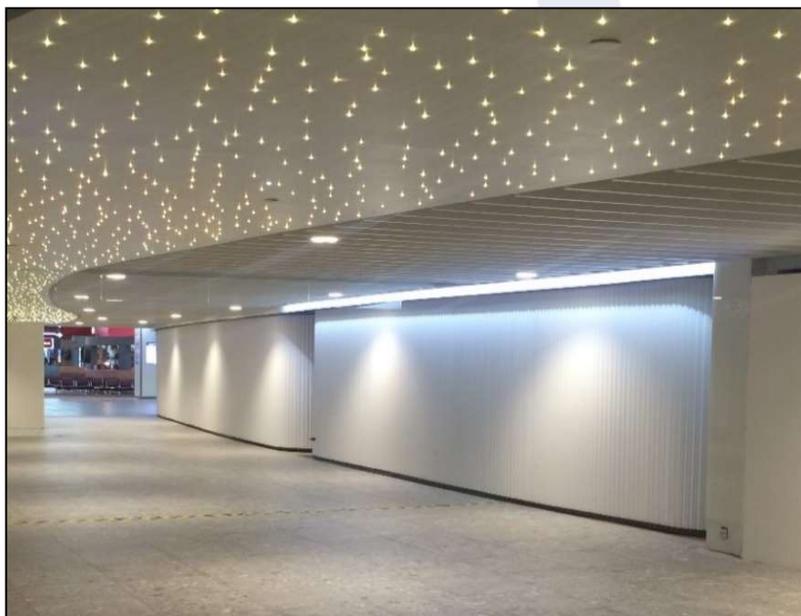
Drive System

The Contour shutter is provided with a 400volt 3 phase motor with electromagnetic brake suitable for operation by direct on-mains or by instantaneous automatic changeover standby generator (by others) in case of power failure.

Emergency operation is achieved by high level crank handle operation of the motor shaft.

Auxiliary Drive Unit

For shutters with complicated or long track configurations, a patented Auxiliary Drive Unit (ADU) is fitted at a significant position on the top track.



OPERATION

Via low-level constant pressure keyswitch with emergency stop button fitted adjacent to the shutter.

FINISH

Contour shutter curtains and boxes are provided galvanised. The top track and hangers are prime painted.

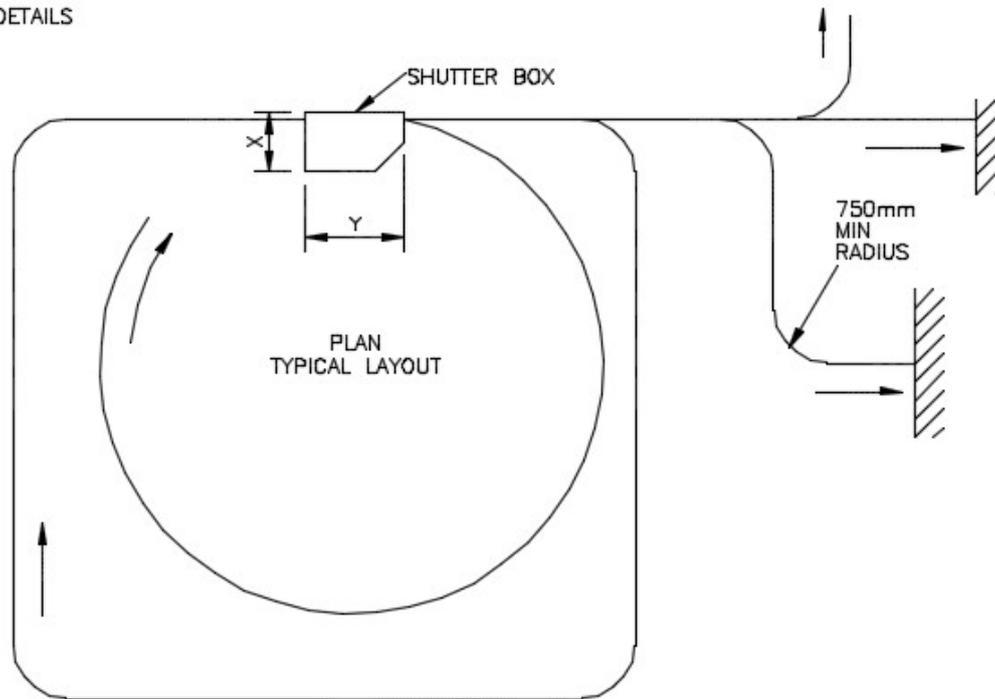
WEIGHTS

Shutter box: 450kgs per linear metre of height
Curtain: 24kgs per m²
Track: 30kgs per linear metre of width

OPTIONS

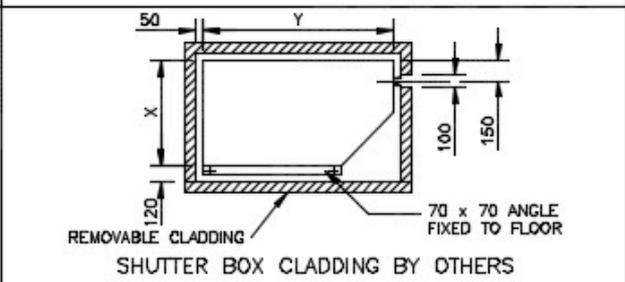
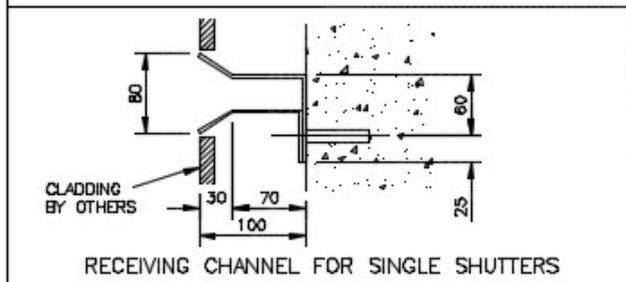
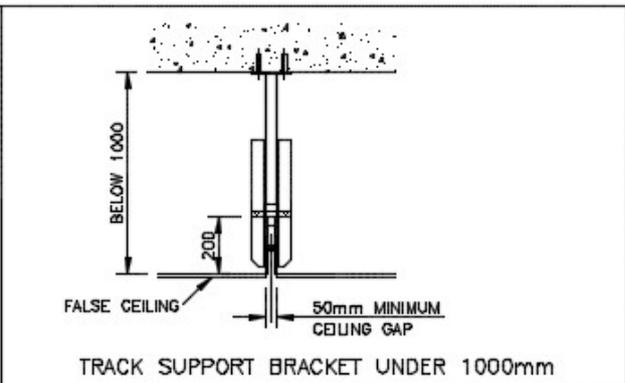
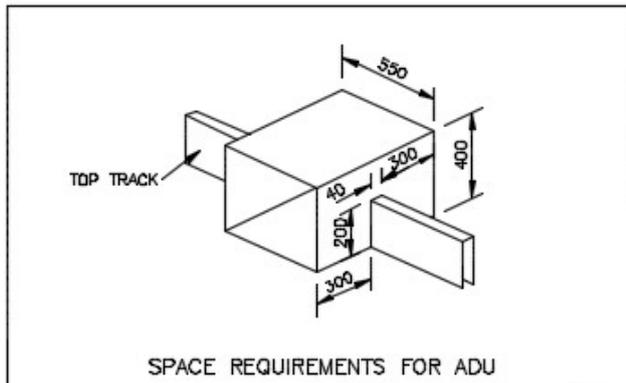
- Polyester powder coated finish in a range of standard RAL colours
- Safety edges
- Audible and visual alarms
- Fire resisting version for special projects

TECHNICAL DETAILS



INFINITE VARIATIONS AVAILABLE FOR SINGLE & PAIR OF CURTAINS

CURTAIN LENGTH		10M	15M	20M	30M	40M	50M
BOX SIZES	X	750mm	850mm	950mm	1200mm	1300mm	1500mm
	Y	1300mm	1400mm	1500mm	1900mm	2000mm	2200mm



ALL DIMENSIONS IN mm