

Construction

There are four basic components that make up the construction of a 75mm Lath roller shutter door:-

Roller barrel

A mild steel tube with bright drawn mild steel support shaft, both of varying diameter, dependent upon opening size, housing either helical steel springs to counterbalance the torque of the shutter curtain, or a 240 volt ac motor for tubular shutter doors.



1

End plates

Mild steel plates to support the roller barrel assembly incorporating mild steel 'U' cups, to house the support shaft, secured to continuous 'flag-post' design fixing angles or independently mounted.



2

Guide channels

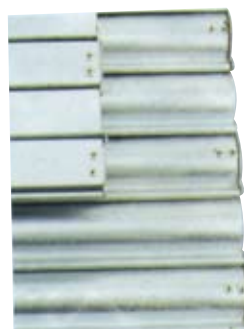
Rolled mild steel channel section, of varying depth, dependant upon opening size, mount onto mild steel angles to captivate the shutter curtain on its opening and closing cycle. Doors subject to high wind loading are fitted with 'windlock' guide selection, and is recommended for doors above 4500mm wide.



3

Shutter curtain

As standard, construction from 76mm deep, concave profile, galvanized mild steel interlocking laths, with 'end locks' pressure riveted at each end of each alternative lath to prevent lateral movement. The bottom rail is manufactured from galvanized mild steel inverted 'T' selection of 'L' section that interlocks with the lowest lath to ensure accurate closing at floor level.



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