

# Fire Roller Shutter Doors



BID Group's Fire Roller Shutters are designed to be robust, providing protection and security whilst providing up to a four-hour delay on the spread of fire in the unlikely event of such a situation. A control descent motor with auto re-set solenoid is fitted as standard.

With their aesthetically pleasing looks and pristine appearance, the Fire Roller Shutter Doors are the most cost-effective and practical purchase for any business.

Designed for applications in both commercial and industrial situations, all of our Fire Roller Shutter Doors are tested to BS 476-22, allowing for that piece of mind on installation.

## Benefits

- Up to 4 hour fire rated
- Manual or electric operation
- Fire alarm activated
- Easy to install and maintain
- Available for openings up to 7m<sup>2</sup>
- Various finishes available

# Fire Roller Shutter Door Specification

## Mechanical Specification

### MANUALLY OPERATED

<b>Curtain</b>	Fabricated from continuously interlocked galvanised rolled steel lath, with a minimum thickness of 20swg, determined by shutter size and exposure of intended location. Fitted with steel end locks at each side to prevent lateral movement.
<b>Barrel</b>	Constructed from mild steel tube of a sufficient diameter to withstand deflection across the width of the opening. The barrel is mounted on galvanised mild steel endplates that are secured to continuous full height rolled galvanised steel angles.
<b>Guides</b>	Galvanised channel section guides are mounted on continuous full height angles for face fixing to the structural opening. Wind guides will be included in certain circumstances.
<b>Bottom Rail</b>	Inverted "T" section bottom rail fitted as standard to all shutter curtains.
<b>Finish</b>	Angles, endplates, guides, canopy, curtain and bottom rail are galvanised. All mild steel components are finished with one coat of rust inhibiting primer.
<b>Options</b>	Fire interface control panel with shutter closing sign, delay on alarm signal and local heat or smoke activation.

## Electrical Specification

### ELECTRICALLY OPERATED

<b>Operator</b>	240v 1 phase 50Hz or 400v 3 phase geared brake motor complete with limits, thermal overload protection, manual override.
<b>Actuation</b>	Shutter supplied with open/close/stop push button station as standard.
<b>Operation</b>	<p>In normal conditions the shutter can be opened and closed by using the push buttons (mains power available).</p> <p>In fire conditions the shutter will close automatically under controlled descent on receipt of a signal from the in house fire/smoke detection system, or via the fusible link fitted to the motor.</p> <p>Connection to the fire alarm system is to done by others.</p>

The company reserves the right to change specification without notice.