

Manufacturer, Supplier & Installer

Specification For:

NECO Tubular Motor Fire Rated Roller Shutters

Product Description:

Fire Rated Roller Shutters are an effective and popular method of fire protection. Made from 75mm or 100mm curved steel, our shutters have been tested and passed by Exova Warringtonfire to withstand fire for up to 4 hours. These Fire Rated Roller Shutters are driven using state-of-the-art innovative technology of our NECO DC Tubular Motors. NECO Fire Rated Roller Shutters are available as insulated or non-insulated and can be powder coated to any colour.

Ideal Uses:

- Warehouses
- Canteens
- Factories
- Areas Requiring Security & Fire Protection

Benefits:

- Cost-Effective
- Easy To Install
- Made To Order
- Provides Physical Security





T: +44 2920 668332
E: info@necogroup.eu

Manufacturer, Supplier & Installer

Specification For:

NECO Tubular Motor Fire Rated Roller Shutters

Curtains	75mm Galvanised finish steel interlocking laths, or 100mm twin skin Galvanised finish steel insulated interlocking laths with endlocks to prevent lateral movement.
Bottom Rail	A strong roll formed bottom rail 1.6mm thick fitted to the bottom of the curtain.
Roller	Heavy-duty seamless tube and mounted between M.S plates.
Guides	Galvanised steel roller angle and folded steel channel guides bolted to roller plates.
Operation	Single-phase 24v NECO DC Tubular Motor and NECO DC Fire Control Panel System.
Finish	Galvanised or powder coated (any colour from our standard range).
Fire Rating	60 min, 120 min or 240 min.

Extras That Are Available:

- A) The curtain, guides, fixing angles, end plates and hood to be powder-coated any colour from our standard RAL range.
- B) If the shutter is the only means of exit from your building we would strongly recommend that a push button control is installed on the inside to prevent trapping.

Note All Fire Doors are constructed in accordance with BS EN 1634-1 and British Standards 476. Part 22: 1987.

With regard to the electrical installation. We have included for wiring from a 240v 13a fused switch brought up by others to a point within 1m of the opening.



T: +44 2920 668332
E: info@necogroup.eu

Manufacturer, Supplier & Installer

Operational Features:

Battery Back-Up: All NECO Tubular Motor Fire Rated Roller Shutters are fitted with a battery back-up facility. If the power supply fails, the in-built battery back-up system maintains operation of the shutter for up to 96 hours or until the power is restored. If the power isn't restored, the shutter will gravity fall to its fire-ready position alerting the user of the power failing problem.

Audio Visual: (If required), an audio siren and flashing beacon can be installed which alerts people both audibly and visually that the shutter is about to close.

Delay Before Descent: If the fire alarm is activated, the shutter can delay its descent for up to 16 minutes allowing safe building evacuation. After a set period of time, the fire shutter will automatically close giving full fire protection.

Auto Return Reset: If the fire alarm goes off and the shutter reaches the floor, the shutter will remain in this position whilst the alarm remains activated. Once the fire alarm has been reset, the shutter will automatically open.

This feature is useful when multiple shutters are installed on one site. All the shutters can return to the open position without the need to be raised by an individual.

Emergency Retract: If the shutter is activated and descends to the floor, the emergency retract switch enables the shutter to be open enabling anyone trapped to escape. Within a set period of time, the fire shutter will once again descend giving full fire protection.

Double Knock Fire Activation: If the fire alarm is activated, the shutter will descend to the split drop delay position and act as a smoke barrier. The shutter will only fully descend to the floor once a second signal is received, either from a second fire signal or a stand-alone relay based smoke or heat detector.

Volt Free Fire Alarm Connection: The Fire Control Panel can receive a volt free fire alarm signal.

Building Management System: The Fire Control Panel enables the fire shutter to be connected to a building management system. This enables the fire shutters to be monitored and controlled from a control room.

Obstacle Detection: If an object is placed under the shutter the alarm will be activated until the object is removed.