



Alliance
DOOR ENGINEERING

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Our Series 25CT Fire Rated Roller Shutter is a highly versatile and durable solution, offering exceptional fire-resistant performance for countertop and servery hatch applications up to 6000mm wide. Designed for environments requiring both physical security and fire protection, it is ideally suited to schools, hospitals, and commercial premises where a neat, discreet shutter system is essential.

Purpose-designed features make the Series 25CT exceptionally well suited to countertop applications. Key enhancements include a reinforced bottom rail, specifically engineered to resist the increased positive pressure generated above floor level during a fire, and an intumescent fire-retardant seal housed within a steel retainer above the opening. Under extreme heat conditions, the seal expands to help preserve the shutter's integrity, even as the surrounding structure begins to distort.

Upon receipt of a fire signal, the door will automatically initiate a powered closing cycle. The door is interfaced with the fire door control system, which controls the powered descent via the drive motor. The control system can be programmed to provide audible and visual warning prior to the door commencing its closing cycle, with the warning devices remaining active throughout the powered

Series 25CT

1 Hour Fire Resistant Roller Shutter for Countertop Applications

Tested by Warringtonfire to the essential characteristics of BS EN 1634-1:2014 + A1:2018

Suitable for countertop applications which require a fire protection barrier for up to 1 hour.

descent to indicate that the door is in motion.

In the event of a mains power failure, or if the fire alarm system is unable to provide the required 24 V DC signal, the control panel's integral battery backup system will automatically energise the auto-reset solenoid, allowing the door to close under gravity.

Normal day-to-day operation is provided via a push-button station incorporating Open, Stop, and Close controls. Alternatively, a key switch may be supplied either in addition to, or as a replacement for, the push-button station.

The shutter design has been thoroughly inspected, tested and audited by Warringtonfire, an accredited independent testing group, enabling us to issue Declaration of Performance. Performance characteristics are according to the harmonised standard BS EN 13241-1:2003+A2:2016 and tested to BS EN 1634-1:2014 + A1:2018, giving our customers peace of mind that the fire shutter systems we manufacture are of the highest quality and are fully compliant with the latest British and European standards.

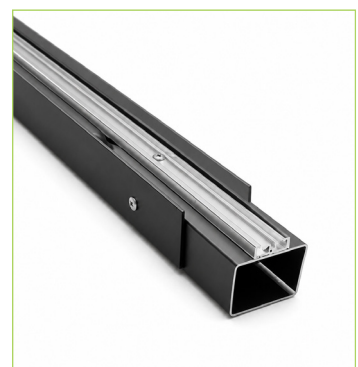
All of our roller shutter systems are manufactured in house at our production facility in Wigan, Greater Manchester, and are subject to continuous product development, so the door user can be assured of both proven and state-of-the-art technology whilst maintaining ease of installation.



Powered by a 3ph~415v or 1ph~240v Operator with low-level, emergency haul chain override.



Reinforced, heavy duty bottom rail.



Intumescent (fire seal) strip, housed in a neat steel retainer.



Profile
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Folding Door Division of Alliance Door Engineering Ltd.

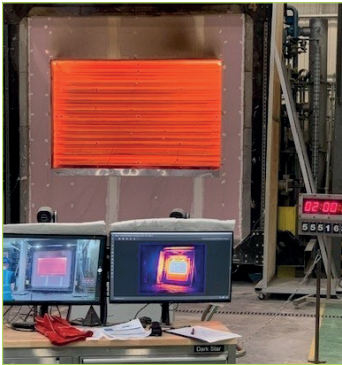
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Fire resistance test at Warringtonfire.



Fire door interface panel included as standard, providing audio and visual warning before shutter closure.



Wide range of colour option.

The Specification

Specification:

- Curtain assembled from 76mm curved lath
- Canopy and motor cover included as standard
- Heavy duty bottom rail
- Intumescent fire seal
- Powered by 1ph or 3ph operator with emergency hand chain manual override
- Fire door interface panel with audible and visual warning
- 24v DC Auto-reset solenoid with fuse release backup
- Push button station actuation
- Cill angle (75mm x 50mm)
- Fire tested on a countertop application
- Can close directly onto countertop or cill angle

Options:

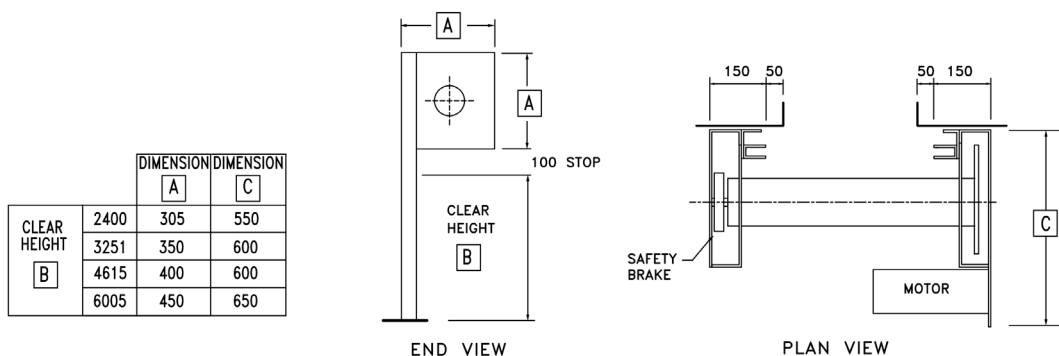
- Repeater panel providing audible and visual warning
- Heat Detector
- Smoke Detector
- Uninterruptable power supply unit (UPS) / battery back up
- Key switch (for actuation)
- Galvanised as standard or fully polyester powder coated to a RAL or BS colour

Power Supply

1 Phase Supply: 16A IEC Socket fed from a 10A type B breaker required (the motor is supplied pre-wired to 3-pin commando plug) or 10A fused spur

3 Phase Supply: 16A IEC Socket fed from a 10A type B breaker required (the motor is supplied pre-wired to 5-pin commando plug)

Fire alarm requirements: 24v DC (minimum 0.5 amps – non polarised)



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