

# Intelligent Security & Fire Protection

## Shutters & Curtains



# Four Integrity Ratings...





## SeceuroFire Fire Shutter

30, 60, 120, 240 minute  
fire ratings available.

The SeceuroFire Fire Shutter is an electrically operated vertical fire shutter, consisting of a 75 mm scrolled curtain and galvanised steel box assembly and guide rails. Its design allows for both face or reveal installations and the box, curtain, guide rails and bottom rail can all be powder coated as an optional extra.

Designed to be a security barrier during normal use and to be closed automatically during an emergency situation or test. In the event of receiving a fire alarm signal the shutter will perform a powered descent to create a fire resistant barrier. If power failure occurs, the shutter will close using the intelligent battery backup feature.

### ✔ Size limitations

	Minimum (mm)	Maximum (mm)
Width	800	5710
Height	800	4700

Maximum sizes can vary according to integrity rating, please check for confirmation and refer to Technical Data sheets for further information.

### ✔ Approved standards

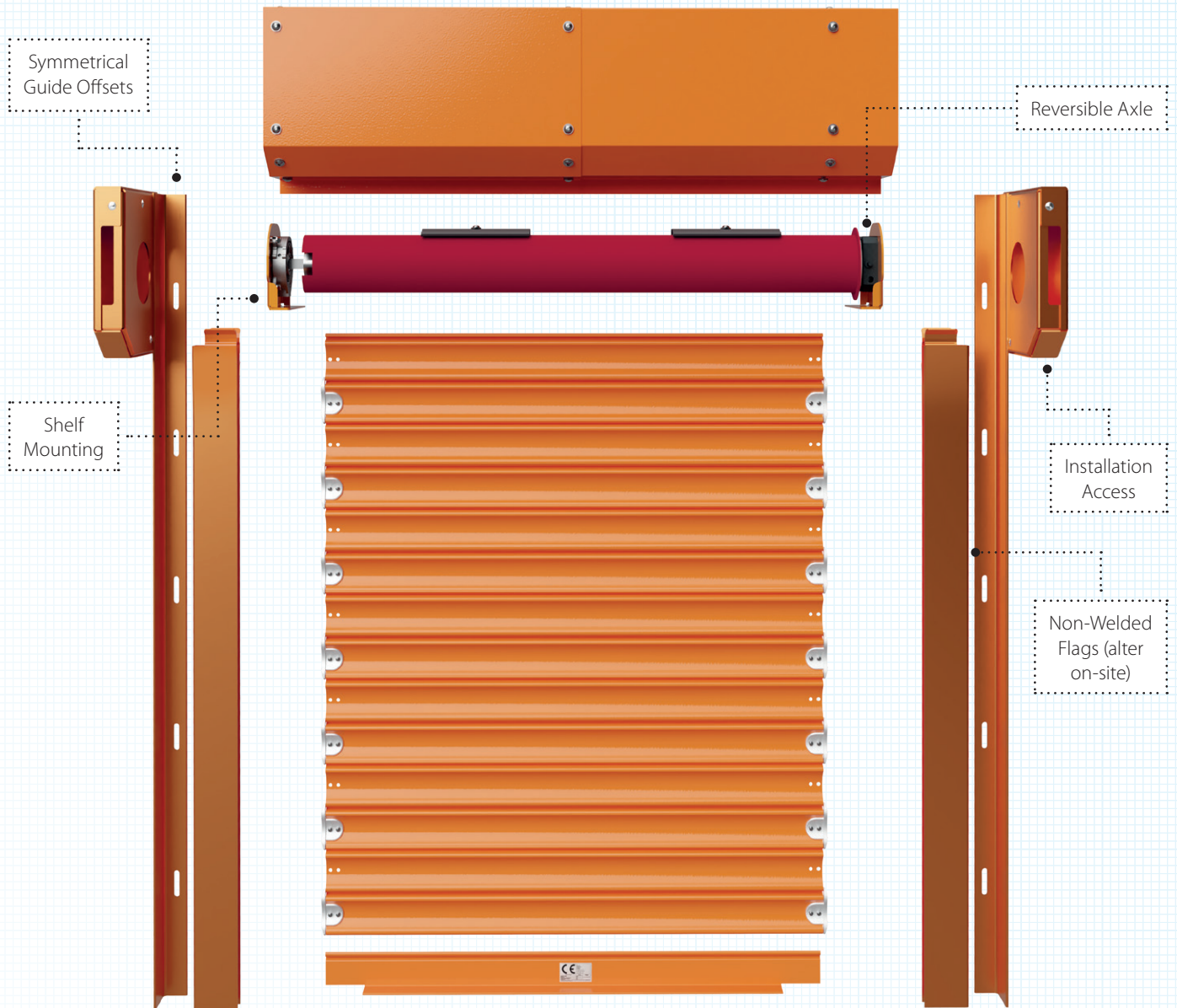
The SeceuroFire Fire Shutter has been tested to BS EN 16034: shutters product standard, fire resisting characteristics and BS EN 13241: shutters product standard, performance characteristics. The product was tested and approved by Warrington Fire, report 413395.



### ✔ Product performance

This product is uniquely capable of providing specifiers with a choice of 30, 60, 120, or 240 minutes integrity performance in accordance with the standards listed above.





## Key Features

- ✓ Greater access to end plate fixtures
- ✓ Fast and easy attachment of axle with two shelf bracket and easy access bolts
- ✓ Increased range of sizes
- ✓ Range of fire ratings (including 30 minute)
- ✓ No more motor handing, easily interchangeable on site
- ✓ Non-welded assembly design allowing post order alteration of guide orientations
- ✓ Increased range of hood configurations
- ✓ Symmetrical design of guide offsets
- ✓ Fixing kits available
- ✓ Can be used daily as a shutter
- ✓ A full range of RAL colours available



## Maintenance Recommendations

There is a requirement under The Regulatory Reform (Fire Safety) Order 2005 for companies to ensure fire safety equipment is maintained and a record kept.

- **Weekly:** Check all the system for correct operation
- **6 Months:** Inspections and test of the systems by a competent engineer
- **Annually:** Full inspections and test of the systems by a competent engineer, clean self-contained detectors and check or replace batteries

## FIRE SHUTTER SPECIFICATIONS

- Testing & Standards
- Tested and approved by Warringtonfire
- BSEN 16034
- BSEN 13241
- Available in 30, 60, 120, or 240 minutes rating

### TECHNICAL DRAWINGS

Full technical CAD drawings available.

### BOTTOM RAIL

- T Sectioned steel bottom slat  
49 mm high x 74 mm deep

### OPTIONAL EXTRAS

Localised sensors such as smoke and heat detectors, a range of audio visual devices and emergency retract switches can be connected to the panels using a 24 V DC supply from the panel.

- Key switch

### CURTAIN

- A single skin 75 mm scrolled
- The product is available galvanised as standard or powder coated to RAL or BS colour at extra cost

## Intelligent Features

### CONTROLS

- Four fully tested control options with separate battery backup (see pages 6-7)

### GUIDE RAILS

65 mm, 75 mm or 100 mm deep, depending upon shutter width mounted on steel angles for fixing. Available for face or reveal installations.

### FINISH

Galvanised as standard or powder coated to RAL or BS colours at extra cost.

### CHAMFERED SHUTTERBOX

Boxes are supplied in sleeved sections to allow for expansion starting from 250 mm endplate, depending on shutter height and component integrity requirements

### MOTOR

The Fire Shutter is powered using a 240 V AC tubular motor which is supplied as standard with a 2.5 m 4 core cable.

### MODULAR DESIGN

Post order alteration enabled due to modular design features of the redesigned and redeveloped shutter.



# SeceuroFire

Fire Shutter

## Battery Backup & Control Options

### FC+ *(inc. battery backup)*



FC+ is a simple plug and play option, offering quick and easy configuration on site, particularly useful when wiring into an existing building management system. It has a small relay unit which is ideal for tight installations where space is restricted. The panel comes with simple control options to operate the shutter and can be directly plugged into the battery backup unit provided.

The SF1 Fire Shutter Control Panel allows the option to add accessories, such as local heat sensors, and alarm equipment. This option is ideal for projects with no existing building fire management system, or where the shutter is over an egress route and needs local heat detection. The panel is easily configurable with the battery backup unit, and also features built in audio and visual warnings.

### SF1 *(inc. battery backup)*



Each of our control and battery backup combinations have been fully tested through the UKAS accredited test body, and are simple to install thanks to our quick installation guides. Battery back-up brackets are also available, making mounting even easier. Covering a wide range of installation scenarios, our control options also allow for additional audio and visual safety devices to be specified.

Key to compliance, our proven and reliable hibernation feature allows the shutter to close in an emergency situation – up to 30 days\* after power failure. Not only that, but the BBU houses technology that slows energy depletion, meaning that there is always enough energy to close the product without the risk of a failure to close.

*\*based on the battery backup unit being fully charged and not being used as a normal shutter, the fire system should be tested weekly and any faults fixed prior to the next test.*

### SFP (inc. battery backup)



The SFP Fire Control Panel also gives the option for additional accessories, allowing more specific set up with the controls and alarm. Further to this the controller also features audio/visual warnings, with the ability to programme features such as close delay.

As well as delivering the same benefits as the SFP, the SFP+ offers the option of a closing override button, allowing the user to override the closing action temporarily in an emergency situation, allowing for escape.\*

*\*Under exceptional circumstances whereby health and safety have special requirements and only when deemed necessary by the fire officer.*

### SFP+ (inc. battery backup)





Invisible when  
not in use...





# SeceuroFire

## Fire Curtain

### Intelligent automatic fire curtain from SWS UK – The flexible solution for a safe exit route.

Invisible when not in use, the SeceuroFire Fire Curtain is automatically activated in the event of a fire alarm or power failure, ensuring safety where it's needed without having to compromise on the aesthetics or design of a building.

When lowered or deployed, the fire curtain divides large open spaces to slow down the spread of fire, allowing a safe exit. The curtain has been designed to contain a fire for up to 2 hours whilst still allowing a route of escape where required. This is achieved by simply lifting the bottom rail to create a gap large enough to go under.

#### ✓ Installation

The Fire Curtain's design allows both a face or reveal installation and must be fixed to appropriate fire protected masonry/concrete or steel supporting constructions that have a fire resistance of at least the period required.

#### ✓ Common applications

- No compromise on design in large open plan offices
- Contain fire to create a safe escape route
- Fire protection over windows
- Contain area in a building e.g. restaurant/cafe area in a school/department store
- Greater protection on doors
- Contain fire within a lift
- Boundary protection to stop fire spreading to other premises e.g. shopping centre cafe area in a school/department store

### Key features

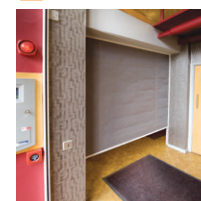
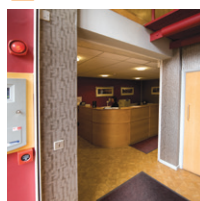
- ✓ Helps stop the spread of fire
- ✓ 120 minute rating
- ✓ Invisible when not in use
- ✓ Auto-operation
- ✓ Gravity fail safe
- ✓ Complies with regulations

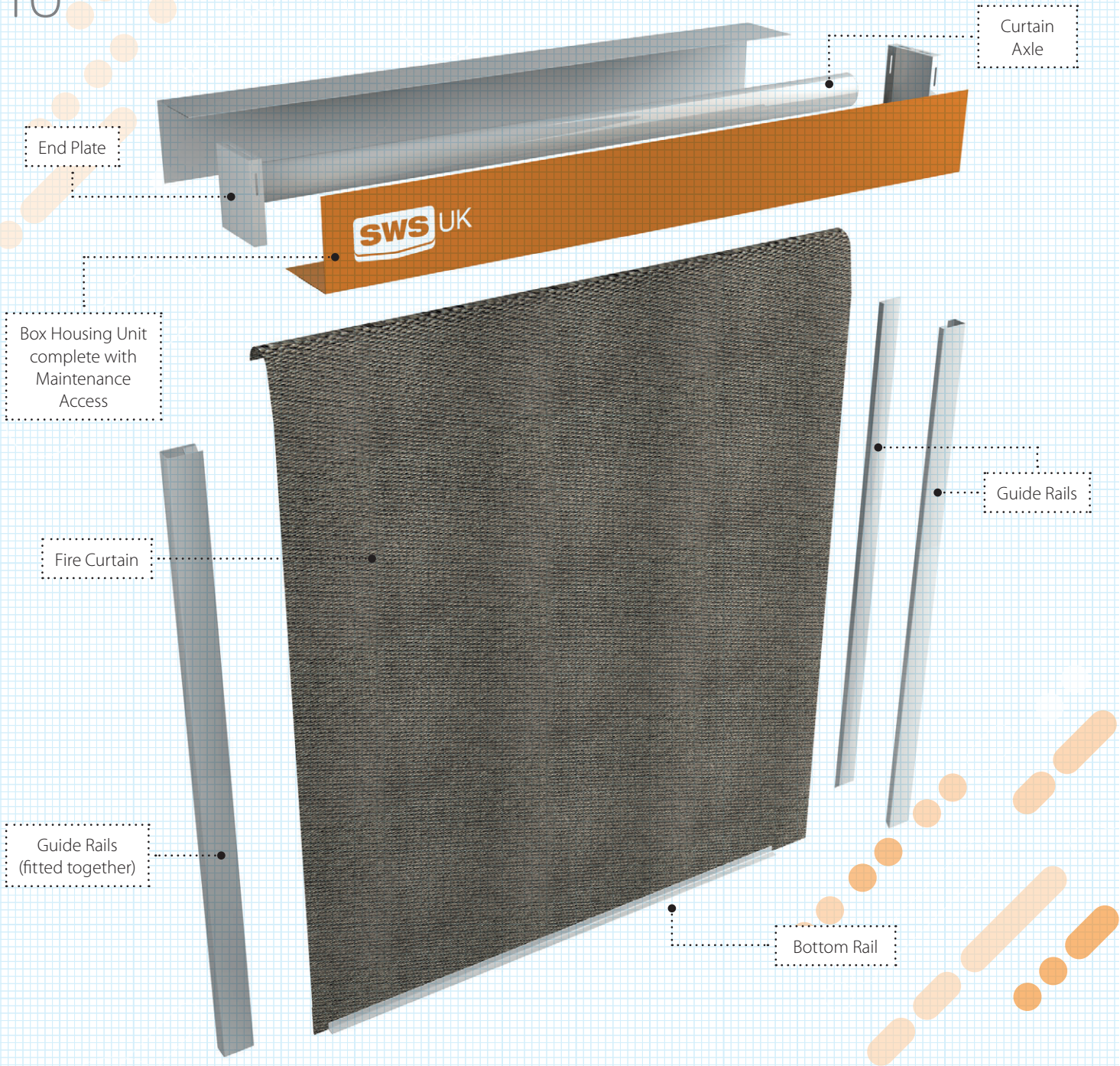
120  
MINS

APPROVED  
STANDARDS  
BS 476: Part 22:1987  
BS EN 1634-1:2008

GRAVITY  
FAIL SAFE

- 1 Invisible when not in use
- 2 Automatically activated
- 3 Takes seconds to deploy





## CONTROL OPTIONS

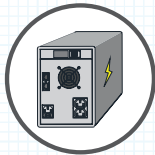
**FC+ (inc. battery backup)**

*Optional extras available to order with this system.*

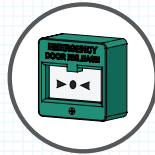


FC+ Control Panel

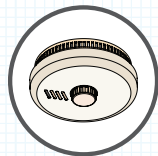
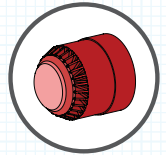
The Power Manager Battery Backup



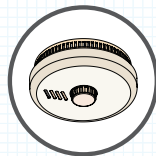
Automatic Door Release



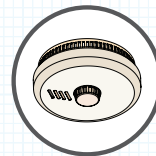
Audio Visual Warning Device



Optical Smoke Detector



Heat Detector



Ionisation Smoke Detector

## FIRE CURTAIN SPECIFICATIONS

- Testing & Standards
- Tested and approved by Warringtonfire
- BS476: Part 22 1987
- BSEN1634-1:2008
- 120 Minute Fire Rating

## TECHNICAL DRAWINGS

Full technical drawings available.

## BOTTOM RAIL

- T Section 40 mm High x 55 mm Deep

## INSTALLATION

Face or reveal fit to masonry, concrete or fire protected steel with at least the fire resistance rating of the product being fitted.

## CURTAIN

- Stainless Steel wire reinforced glass fabric intended for applications exposed to high temperatures
- Curtain fabric weight 0.69 kg/m<sup>2</sup>
- Grey Finish

## OPTIONAL EXTRAS

Localised sensors such as smoke and heat detectors, a range of audio visual devices and emergency retract switches can be connected to the panels using a 24 V DC supply from the panel.

- Key switch

# Intelligent Features

## GUIDE RAILS

100 mm Wide x 60 mm Deep double sections which can be reveal or face fitted. Specify at time of order. Designed to retain the fabric curtain during fire conditions. The guide rails expand towards the box housing unit during fire conditions.

## CONTROLS

- The FC + control panel includes (see opposite):
  - emergency override input for an emergency escape switch
  - split drop curtain to retain smoke & allow emergency escape
  - audio visual outputs
  - 24 V battery backup
  - safety device inputs

## SHUTTERBOX

Two piece galvanised steel powder coated white as standard. Other RAL colours available. Only 200 mm wide x 220 mm high. Supplied in sleeved sections to allow for expansion in fire conditions.

## FINISH

Galvanised steel powder coated white as standard. Other RAL colours available at extra cost. Only applies to box, guides and bottom rail.

## MOTOR

24 V DC Tubular Motor. This product is not designed for frequent use and should remain open unless activated. The motor operates under mains supply in normal use. Battery backup is provided for power failure and in the event of complete battery discharge the brake is released and Fire Curtain closes automatically under gravity fail safe.

# Your SeceuroFire Checklist

Remember, only SeceuroFire offers all of the following:

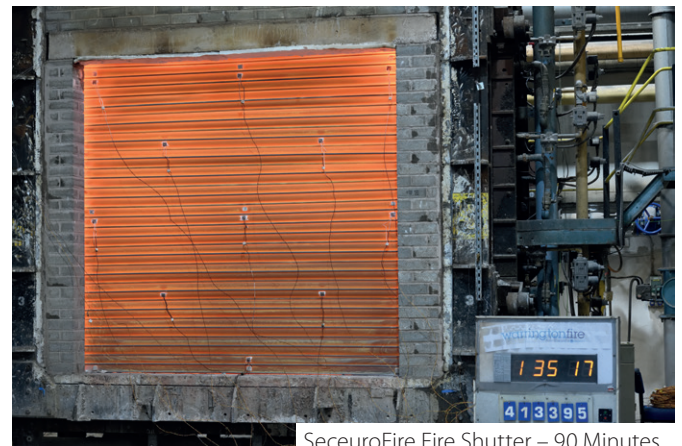
- ✔ **A name you can trust**  
When buying a SeceuroFire product you can be reassured by the values behind the name. SWS UK is an ISO 9001:2008 assessed company. SWS UK is a subsidiary of Stella Group.
- ✔ **A perfect fit**  
With every SeceuroFire product made to measure we can meet your design needs.
- ✔ **Manufactured in the UK**  
Using the latest machinery and equipment, all SeceuroFire products are proudly manufactured and assembled in the UK.
- ✔ **A solution for all fire protection requirements**  
A 30, 60, 120 & 240 minute fire shutter range plus a 120 minute fire curtain mean that you have the widest choice of solutions from one manufacturer.
- ✔ **Fully tested**  
Conforming to UK and European standards for the property owner's peace of mind.
- ✔ **Neat design**  
All motors are within the housing which is available in a range of sizes to minimise space requirements.
- ✔ **Local supply and installation**  
A national network of trained installers.

## Product Testing

Both the Fire Curtain and the Fire Shutter were tested and assessed by Warringtonfire. The product is fitted on the furnace side replicating the most severe condition and the temperature of the furnace is increased to 1200°C at a rate defined by the product standards.



SeceuroFire Fire Shutter – 30 Minutes



SeceuroFire Fire Shutter – 90 Minutes

## Peace-of-Mind Warranties

C1/SFB	(68.5)
Jun 2020	

All SeceuroFire products are guaranteed against defect of material or workmanship by SWS UK, subject to correct installation, maintenance and operation, for a period of 12 months from the date of purchase.



Raising Standards  
Safety Assured