

**FIRE DOOR HARDWARE  
DESIGNED TO SAVE  
LIVES**



**Fire door  
keep shut**

Finding the right products for fire doors is critical, as it can save lives. With over 140 years of experience and expertise, Laidlaw is able to provide a quick and fool proof way to ensure that only fully compliant ironmongery for fire doors is selected. The Firemongery™ range allows you to choose the right products with confidence.

- All products listed in this brochure are fully tested and CE marked where applicable
- Many of these products are Certifire Approved
- Our experienced and qualified staff are readily available to offer you help and guidance whenever it's needed
- Buying from Laidlaw couldn't be simpler, either through one of our 7 Sales Centres or call us on **01902 600400**

To speak to one of our technical consultants or for further information on our services call - **01902 600400** now or go to our website at: **[www.laidlaw.co.uk](http://www.laidlaw.co.uk)**





## CE

### CE Marking

It is a legal requirement that products that fall within the scope of a **harmonised EN standard** and are intended for use on a fire, smoke and/or escape door **must be CE marked** before it can be made available on the market.

The following items of hardware must have the CE mark clearly visible:

- **Locks and latches**
- **Single axis hinges**
- **Controlled door closing devices**
- **Electromagnetic hold-open door closers and wall magnets**
- **Door co-ordinating devices**
- **Panic or emergency exit devices**
- **Electromechanical locks**

## DoP

### Verified Performance

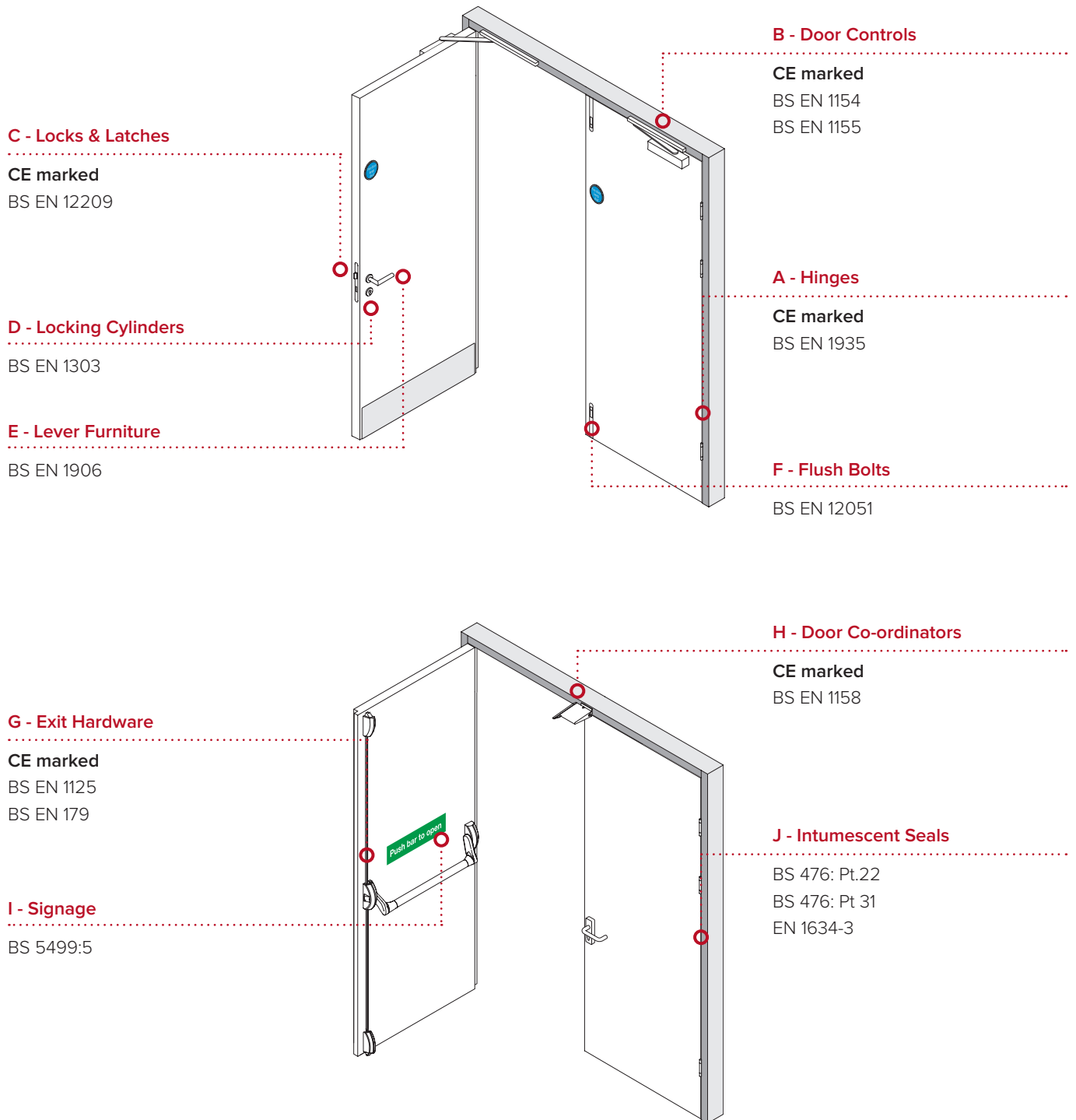
Where a product carries a CE mark a **Declaration of Performance (DoP)** **MUST** be made available by the company selling the product. It is a legal requirement for the DoP to be sent out with the product or to be available online.



### Certifire Approval

Certifire is an independent third party certification scheme that assures performance, quality, reliability and traceability of fire protection products. Although not a legal requirement, it is recognised by regulatory authorities worldwide. It is an internationally respected mark of fire safety and one of the most authoritative in the industry.

## A quick guide to fire door product compliance



## A - HINGES

Satin stainless steel fixed pin or lift-off hinges to suit timber or metal doors

These hinges are CE marked and compliant with EN 1935 Grade 13 for doors up to 120kg.



|                 |  |
|-----------------|--|
| <b>37 800.1</b> | Fixed pin - 102 x 76mm<br>Radiused corners |
| <b>37 800.2</b> | Fixed pin - 102 x 76mm<br>Square corners   |
| <b>IP H3</b>    | Intumescent pack                           |



CF 696

|                    |  |
|--------------------|--|
| <b>JH605LOLR-M</b> | Lift off hinge - 102 x 76mm<br>Radiused corners - Left hand  |
| <b>JH605LORR-M</b> | Lift off hinge - 102 x 76mm<br>Radiused corners - Right hand |
| <b>JH605LOLS-U</b> | Lift off hinge - 102 x 76mm<br>Square corners - Left hand    |
| <b>JH605LORS-U</b> | Lift off hinge - 102 x 76mm<br>Square corners - Right hand   |
| <b>IP H3</b>       | Intumescent pack   |

## B - DOOR CONTROLS

Controlled closing can be achieved in a variety of ways with overhead surface mounted, concealed or transom mounted closers and floor springs.

These closers are CE marked and compliant with EN 1154.



CF 5495

|             |   |
|-------------|---|
| <b>CE3F</b> | Budget Closer - Fixed power<br>Size 3 - Silver finish |
|-------------|---|



|               |  |
|---------------|--|
| <b>31 604</b> | Economy Closer - Adjustable<br>power Size 2-4 -<br>Available in satin stainless steel<br>and silver finishes |
|---------------|--|

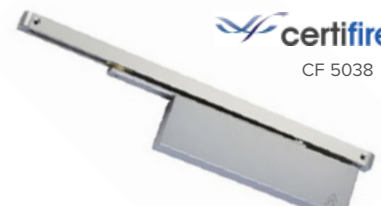


\*CF 252

|               |   |
|---------------|---|
| <b>31 9TD</b> | Commercial Closer - Adjustable<br>power Size 2-4<br>Available in satin stainless steel<br>and silver finishes |
|---------------|---|



|                  |  |
|------------------|--|
| <b>TS5.225SA</b> | Slide arm closer - Adjustable<br>power Size 2-4<br>Available in satin stainless<br>steel and silver finishes |
|------------------|--|



CF 5038

|              |   |
|--------------|---|
| <b>324VP</b> | Cam action slide arm closer -<br>Adjustable power Size 2-4<br>Available in satin stainless steel<br>and silver finishes |
|--------------|---|

**B - DOOR CONTROLS**



|                     |  |
|---------------------|--|
| <b>31 822.30.01</b> | Slide arm closer - Adjustable power Size 2-5; Backcheck. Door mounted Pull side or Transom mounted Push side. Available in satin stainless steel and silver finishes |
|---------------------|--|



|                     |  |
|---------------------|--|
| <b>31 822.30.06</b> | Slide arm closer - Adjustable power Size 2-5; Backcheck. Door mounted Push side or Transom mounted Pull side. Available in satin stainless steel and silver finishes |
|---------------------|--|



|                   |   |
|-------------------|---|
| <b>31 828.30</b>  | Concealed closer - Adjustable power Size 2-4 for use on single action doors. Available in satin stainless steel and silver finishes |
| <b>31 828.INT</b> | Intumescent pack  |



|                  |  |
|------------------|--|
| <b>31 928.30</b> | Concealed closer - Adjustable power Size 2-4. For use on single action doors. Supplied with required intumescent kit. Available in satin stainless steel and silver finishes |
|------------------|--|



|                  |  |
|------------------|--|
| <b>31 926.30</b> | Concealed closer - Adjustable power Size 2-4. For use on double action doors. Supplied with required intumescent kit. Available in satin stainless steel and silver finishes |
|------------------|--|



|                             |   |
|-----------------------------|---|
| <b>TS500 NV Invers</b>      | Transom mounted closer - Adjustable power Size 1-4 Suitable for double action doors. Supplied with required intumescent kit. Satin stainless steel finish |
| <b>TS550 NV Invers EMHO</b> | Version with electromagnetic hold-open function   |



|              |   |
|--------------|---|
| <b>LA74V</b> | Floor spring - Adjustable power Size 1-4. Supplied c/w fittings for single action doors. Satin stainless steel finish |
|--------------|---|



|              |   |
|--------------|---|
| <b>LA75V</b> | Floor spring - Adjustable power Size 1-4. Supplied c/w fittings for double action doors. Satin stainless steel finish |
|--------------|---|

\* Certifire approval held in manufacturers name/code

## B - DOOR CONTROLS - ELECTROMAGNETIC HOLD-OPEN

Hold-open or swing-free door functions can be achieved with an electromagnetic door closer or hold-open device.

Some options (marked #) need to be interfaced with the building fire alarm system and others are wireless battery operated devices.

These electromagnetic devices are CE marked and compliant with EN 1155.



#

**27 984**

Electromagnetic hold-open/free-swing closer.  
Fixed power Size 4 - Available in satin stainless steel and silver finishes



#

**TS92EMF**

Electromagnetic slide arm hold-open closer.  
Adjustable power Size 1-4. Silver finish



#

|                  |  |
|------------------|--|
| <b>31 929.30</b> | Concealed electromagnetic closer - Adjustable power Size 2-4. Single action doors. Silver finish |
| <b>31 927.30</b> | Concealed electromagnetic closer - Adjustable power Size 2-4. Double action doors. Silver finish |
|                  | Intumescent pack included  |



#

**27 533CE**

Wall mounted electromagnetic hold-open device. Silver finish.  
Use with a standard door closer.



**1328-A01**

Door mounted wireless hold-open device activated by the sound of fire alarm - battery operated.  
Must be used with a standard door closer.  
Finish Black

**1328-A02** Finish Red

**1328-A04** Finish White

## POWER SUPPLY UNITS

We offer a range of regulated DC power supply units to power electromagnetic door closers, floor springs, wall magnets and other devices requiring a 24V DC power supply.



**05 RL2402/4TRS**

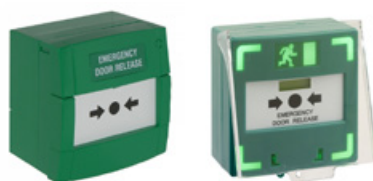
Power supply unit - Continuous power 24V 2 Amp

**05 RL2404/8TRS**

Power supply unit - Continuous power 24V 4 Amp

## BREAK GLASS UNITS

Break glass units for use on the secure side of the door.



**05 MCP4A-GF**

Green double pole KAC resettable break glass unit

**05 MCP8A-GF**

Green triple pole KAC resettable break glass unit

**05 SC070**

Reset key for use with KAC break glass units - pack of 10

**05 CP3-LSRC**

Triple pole with LED and sounder break glass unit

## C - LOCKS & LATCHES

Mortice lockcases available with modular case dimensions. Backset 60mm and centres 72mm (78mm bathroom lock).

Square or radiused forends.

Satin stainless steel finish.

These locks and latches are CE marked and compliant with EN 12209.

For escape sashlock to meet EN179 check the recommended levers opposite. More style options are available.



|                            |   |
|----------------------------|---|
| <b>10 862.2</b>            | Nightlatch - Square forend                          |
| <b>10 862R.2</b>           | Nightlatch - Radius forend                          |
| <b>11 861</b>              | Sashlock - Square forend                            |
| <b>11 861R</b>             | Sashlock - Radius forend                            |
| <b>12 861</b>              | Deadlock - Square forend                            |
| <b>12 861R</b>             | Deadlock - Radius forend                            |
| <b>13 861</b>              | Latch - Square forend                               |
| <b>13 861R</b>             | Latch - Radius forend                               |
| <b>13 862</b>              | Bathroom lock - Square forend                       |
| <b>13 862R</b>             | Bathroom lock - Radius forend                       |
| <b>11 867<sup>†</sup></b>  | Escape sashlock with split follower - Square forend |
| <b>11 867R<sup>†</sup></b> | Escape sashlock with split follower - Radius forend |
| <b>IP L5</b>               | Intumescent pack for forend and strike plate only * |
| <b>IP L15</b>              | Intumescent pack - complete lock jacket *           |

<sup>†</sup> Please note, these escape sashlocks are not covered by Certifire CF5436

\* Please check with us for full details

## D - CYLINDERS

Cylinders for use with our mortice lockcases are available in single, double, or double with thumbturn variations.

Nickel plated finish.

These cylinders are compliant with EN 1303 with Grade 6 Durability and Grade 6 Key Related Security.

Cylinders can be supplied as new or replacement masterkeyed cylinders.

Further cylinder functions are available.

Please contact us for further information.



**01 620**

Double cylinder with key operation both sides. Available in a range of lengths, equal and unequal.



**01 630**

Double cylinder with key operation one side and thumbturn on the other. Available in a range of lengths, equal and unequal.



**01 610**

Single cylinder with key operation. Available in a range of lengths.



## E - LEVER FURNITURE

Rose mounted lever furniture available in satin stainless steel.

These levers are compliant with EN 1906 with Grade 3 or Grade 4 durability.

Complementary products are available.

Note: LA02SS & 54 801.19FRS are suitable for use on escape sashlocks 11 867 & 11 867/ R.



**CH100**

Rose mounted return to door lever EN 1906 Grade 3.  
Grade 304 stainless steel.  
Supplied with euro profile cylinder escutcheons.



**CH499**

Rose mounted mitred lever EN 1906 Grade 3.  
Grade 304 stainless steel.  
Supplied with euro profile cylinder escutcheons.



**LA02**

Rose mounted return to door lever EN 1906 Grade 3.  
Grade 304 stainless steel.  
Suitable for use with 11 867/R



**54 801.19FRS**

Rose mounted return to door lever EN 1906 Grade 4.  
Grade 316 stainless steel.  
Suitable for use with 11 867/R

## F - FLUSH BOLTS

Lever action flush bolts are available for use on double doors to keep the inactive door locked.

Satin stainless steel.

Tested and classified under EN 12051 and graded as suitable for use on fire doors.



**34 014.2**

Flush bolt with radiused end - 20 x 202mm

**IP F2**

Intumescent pack for flush bolts

Other lengths available up to 600mm



**34 003.2**

Flush bolt with square end - 20 x 202mm

**IP F2**

Intumescent pack for flush bolts

Other lengths available up to 600mm

Correct fire door hardware **can** save lives.

Selecting certified products from a reputable and reliable source, ensuring proper installation and undertaking regular inspection and maintenance routines **will** save lives.



## G - EXIT HARDWARE

Panic exit devices operated by "Push Bar" or "Touch bar".

All units are powder coated silver.

These units are CE marked and compliant with EN 1125 for panic exit applications.



**LA30.278** Push bar panic latch.



**LA30.276** Push bar vertical panic bolts for single doors.



**LA30.277** Push bar panic latch and bolt combination for rebated double doors



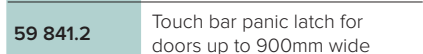
**LA30.200EA** Knob operated outside access for LA30 series panic exit devices



**LA30.200LEA** Lever operated outside access for LA30 series panic exit devices



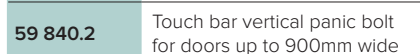
**59 841.1** Touch bar panic latch for doors up to 1200mm wide



**59 841.2** Touch bar panic latch for doors up to 900mm wide



**59 840.1** Touch bar vertical panic bolt for doors up to 1200mm wide



**59 840.2** Touch bar vertical panic bolt for doors up to 900mm wide



**36 849.KE/NC** Knob operated outside access for 59 800 series panic exit devices



**36 849.LE/NC** Lever operated outside access for 59 800 series panic exit devices

\* Certifire approval held in manufacturers name/code

### H - DOOR CO-ORDINATOR

Door co-ordinator for rebated double doors.

CE marked and compliant with EN 1158.

Available in satin stainless steel & aluminium finishes.



**33 037CE** Door co-ordinator

### I - SIGNAGE

Mandatory door mounted fire door signage and wall mounted escape route signage.

All signage complies with BS 5499:5

This is a small selection of our full signage range. Contact us for more details.



|               |  |
|---------------|--|
| <b>60 601</b> | Fire door keep shut - 76mm dia. - Satin stainless steel or aluminium.            |
| <b>60 602</b> | Fire door keep locked - 76mm dia. - Satin stainless steel or aluminium.          |
| <b>60 617</b> | Automatic fire door keep clear - 76mm dia. - Satin stainless steel or aluminium. |

|               |   |
|---------------|---|
| <b>60 041</b> | Fire door keep shut - 80mm Self adhesive              |
| <b>60 031</b> | Fire door keep locked 80mm - Self adhesive            |
| <b>60 030</b> | Automatic fire door keep clear - 80mm - Self adhesive |

Push bar to open



## J - ACCESSORIES

Door viewer 200° viewing angle suitable for FD30 fire doors.



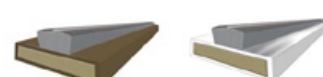
|                |  |
|----------------|--|
| <b>JV944SC</b> | For doors 35 - 55mm thick<br>Satin chrome finish |
| <b>JV945SC</b> | For doors 50 - 70mm thick<br>Satin chrome finish |
|                | Intumescent kit included                         |

Intumescent strips for fire doors rated FD30 and FD60.



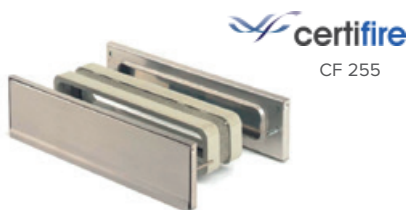
|                   |   |
|-------------------|---|
| <b>AFFOB1542X</b> | FIRE ONLY - brown FD30 -<br>15 x 4 x 2100mm |
| <b>AFFOB2042X</b> | FIRE ONLY - brown FD60 -<br>20 x 4 x 2100mm |
| <b>AFFOW1542X</b> | FIRE ONLY - white FD30 -<br>15 x 4 x 2100mm |
| <b>AFFOW2042X</b> | FIRE ONLY - white FD60 -<br>20 x 4 x 2100mm |

Intumescent strips for fire and smoke doors rated FD30S and FD60S.



|                   |   |
|-------------------|---|
| <b>AFFSB1542X</b> | FIRE & SMOKE - brown<br>FD30S - 15 x 4 x 2100mm |
| <b>AFFSB2042X</b> | FIRE & SMOKE - brown<br>FD60S - 20 x 4 x 2100mm |
| <b>AFFSW1542X</b> | FIRE & SMOKE - white<br>FD30S - 15 x 4 x 2100mm |
| <b>AFFSW2042X</b> | FIRE & SMOKE - white<br>FD60S - 20 x 4 x 2100mm |

Letterplates and frames in aluminium and stainless steel for FD30 and FD60 doors.



|                |   |
|----------------|---|
| <b>LP05-44</b> | Aluminium frames and flaps<br>rated FD30 for doors 42-<br>47mm thick                                      |
| <b>LP06-44</b> | Aluminium frames and flaps<br>rated FD30 incl smoke seals<br>for doors 42-47mm thick                      |
| <b>LP02-44</b> | Mild steel/Stainless steel<br>frames and flaps rated FD60<br>for doors 42-47mm thick                      |
| <b>LP03-44</b> | Mild steel/Stainless steel<br>frames and flaps rated FD60<br>incl. smoke seals for doors<br>42-47mm thick |



To speak to one of our technical consultants or for further information about Fire safety or any of our services, call **01902 600400** now or go to our website at: [www.laidlaw.co.uk](http://www.laidlaw.co.uk)

\* Certifire approval held in manufacturers name/code

## ORBIS INTEGRATED DOORSETS

We offer a range of fully tested and certified internal integrated doorsets. They are available in 4 materials:

- Veneer - 8 natural timber options including Oak and Ash
- Laminate - A wide range of solid colours and wood veneer finishes
- Painted - Available in any RAL, NCS or special colour
- Primed - Ready for on-site painting

The benefits of choosing our integrated doorsets include:

- Our doors are prepared in the factory for hardware which is factory fitted where appropriate or supplied in door packs for easy installation
- As the door and hardware are provided as a complete package, we take responsibility for compliance with the required Global Assessment fire test criteria
- We specify everything needed to ensure full compliance including the correct hinge pads, lock kits, jackets for locks, flushbolts and concealed door closers.

Please contact us for more information.



It is important that fire doors are kept in good working order through a regular and appropriate maintenance regime. We offer guidelines in our Maintenance Guide available at [www.laidlaw.co.uk](http://www.laidlaw.co.uk) or call us on 01902 600400 for more information.

## **AUTOMATIC DOORS**

We offer a range of fully automatic single or double door operators for single swing doors.

These operators have 120 minute Exova Warrington fire test certification.

These operators are available in a range of models to fulfil any customer demand:

- With integrated emergency lighting
- Compact and elegant design
- Reliable in any application

Each Orbis automatic swing door operator features:

- Orbis LET/SLT operator with slide or articulated arm
- Spring or motor powered door closing
- Wind stop feature
- Fully integrated with access control systems
- Secure interlock feature
- Digital selector (available as a package)

Please contact us for more information.



## **FIRE DOOR INSPECTION**

Fire doors and their associated hardware are not fit and forget products. It is critical that thorough inspections and maintenance routines are undertaken regularly to keep all fire doors in good working order.

For professional advice on meeting their responsibilities under the Fire Safety Order, it is recommended that hospitals, offices, schools and public buildings should always use a Certificated FDIS Inspector. At Laidlaw, we have qualified FDIS Certificated Inspectors who can visit, inspect and advise on any fire safety needs.

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Brunswick Business Park  
Liverpool L3 4BL  
T: 0151 709 9438  
F: 0151 709 9455  
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Laidlaw is the UK's largest and most experienced independent supplier of ironmongery, integrated doorsets, security systems and balustrades. Our products and services work together to provide a seamless approach that meets your budget and timescales. By working in true partnership with our customers we create the best possible first and last impression for any building project.