

INSTALLATION & DECOMMISSIONING INSTRUCTIONS

Tempus[®]

TEMPORARY FIRE DOORS



halo
assist

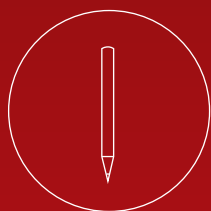
Installation supportline:
call 020 3880 0339

STEP-BY-STEP GUIDANCE

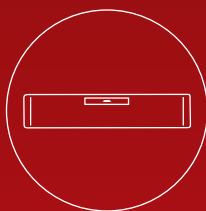
THANK YOU FOR CHOOSING Tempus[®]

To ensure the installation process is simple and efficient we recommended you read this guide in full before you begin.

TOOLS REQUIRED



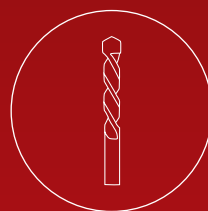
Pencil



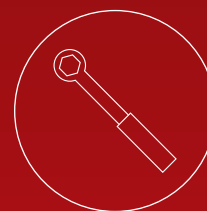
Spirit Level



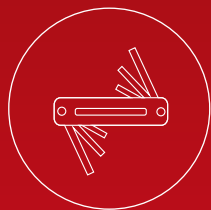
Cordless Drill/Driver



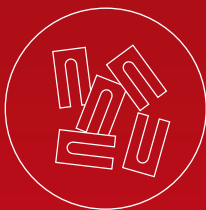
5.2mm Masonry Bit



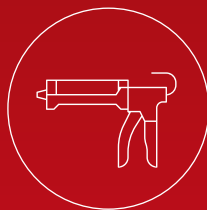
Socket Set



Hex Keys (Metric)



Steel 'Horseshoe' Packers



Application Gun

The fire rating of any doorset is subject to a number of factors, including:



1. The design/workmanship of other work, in particular the supporting constructions into which the doorset is affixed.
2. The doorset being installed in accordance with the installation instructions.

The Tempus system can be installed into various supporting constructions, you will need to ensure the wall itself meets the correct fire resistance performance. (Details of supporting constructions can be found on p3 - 'Wall preparation').

Please consult Selo for advice and guidance to ensure the fire performance is met.

tel 020 3880 0339 email sales@selo-uk.com

GETTING STARTED

Before installation, please ensure you have carried out the recommendations below.

WALL PREPARATION

The supporting/wall construction must consist of either:

- A. Masonry construction (600-1500kg/m³)
- B. Low density cast concrete (> or equal to 1100kg/m³)
- C. High density cast concrete (> or equal to 2400kg/m³)
- D. Plasterboard clad steel stud partitions (capable of staying in place and intact for the full period of fire resistance required for the doorset i.e. 60 minutes)
- E. Plasterboard clad timber stud partitions (capable of staying in place and intact for the full period of fire resistance required for the doorset i.e. 60 minutes)

DELIVERY

Single item Tempus temporary fire doors will come fully protected with polystyrene corners and heat shrink wrapped in heavy duty polythene. Larger quantity orders will come wrapped to the pallet, rather than individually protected.

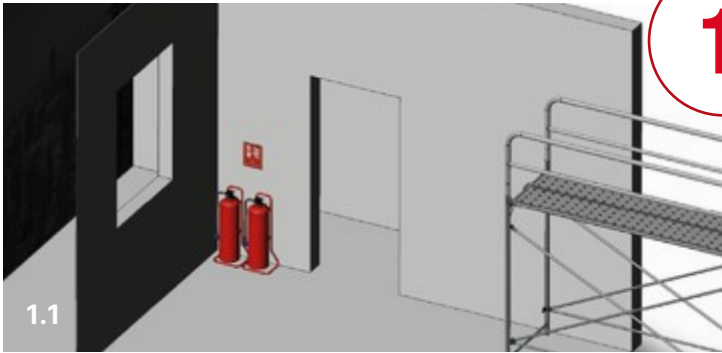


INSTALLATION

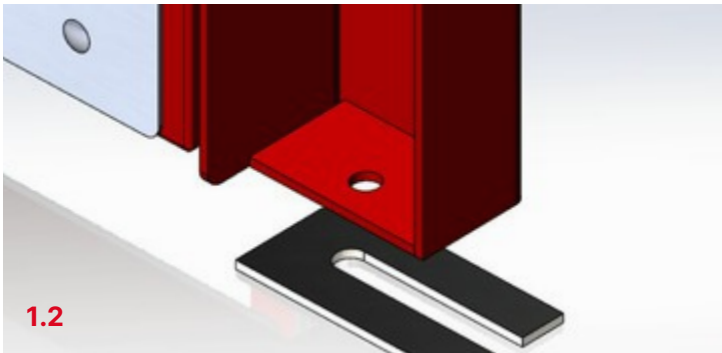
The frame and door will be supplied as one complete unit.

1

PREPARING FOR INSTALLATION



1.1 Before installing Tempus, ensure the area designated for the installation is clear of debris, the floor surface is level and there is sufficient clearance for the arc of the leaf.



1.2 If the floor is uneven, place packers on the floor, ensuring the inside edge of the opening is aligned with the edge of the packer to level as required.

IMPORTANT

Maximum threshold gap = 10mm

2

OFFER DOORSET INTO OPENING

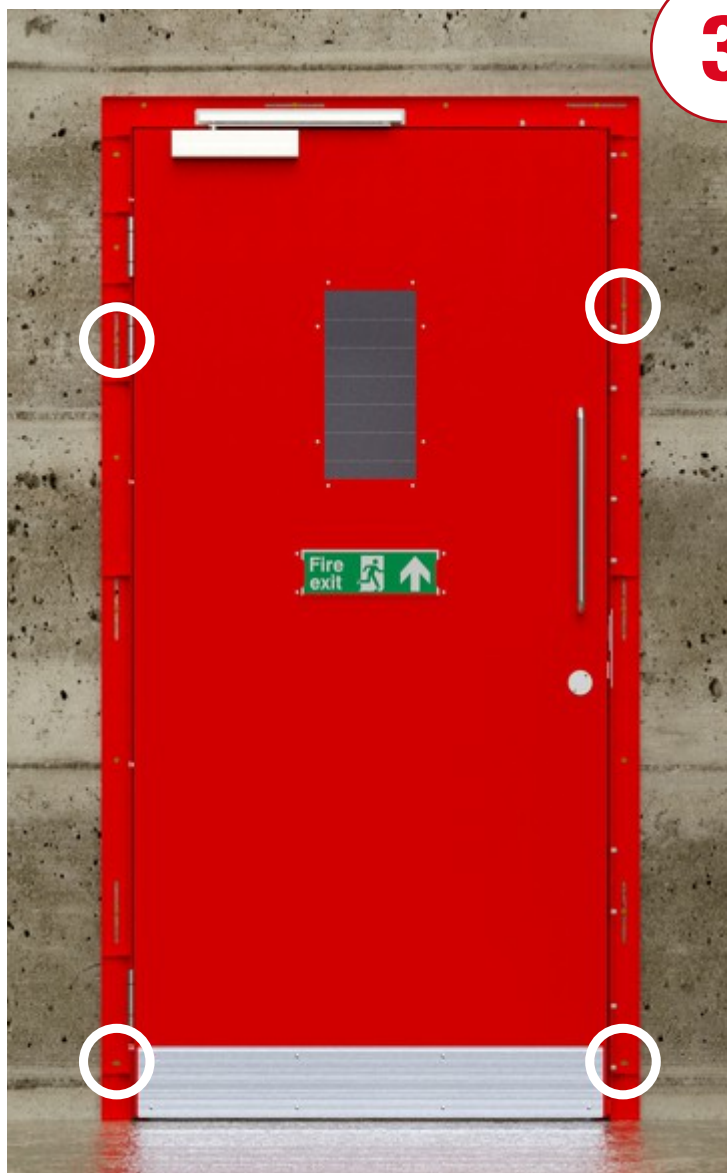


Offer doorset up to opening, place frame onto previously placed packer (where present), ensure it is centralised and that there is an even amount of the frame exposed where applicable.

See **p7- Annex A** for maximum/minimum structural opening dimensions.

3

INITIAL FIXINGS



3.1 Ensuring the assembly is level, initially fix the doorset to the supporting construction through the two upper vertical 7mm slots and the two lower horizontal 7mm slots using **6.3mm x 75mm hexagon head masonry anchor screws with M6 washers**. For greater stability, an additional fixing may be added to the upper horizontal slot on the strike jamb. Ensure doorset frame and leaf are flush to each other by using **steel horseshoe packers** between the rear face of the frame and the surface of the supporting/wall construction.

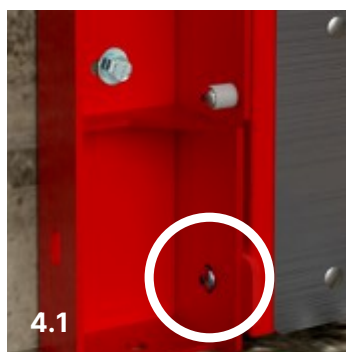
3.2 Great care must be taken to **ensure the frame is not distorted** during installation. The gap between the outer edge of the frame reveal and the face of the leaf should be equal. This is **essential to the fire resistance performance** of the intumescent lock.

IMPORTANT

When affixing into a medium to high density rigid element, use a suitable steel fixing with a minimum length of **75mm**. For low density rigid element, use a suitable steel fixing with a minimum length of **75mm**. The slotted frame is designed to accommodate mortar course and avoid obstructions within the wall. **Maximum frame to wall gap = 10mm**

4

DISENGAGE TRANSPORT BOLTS



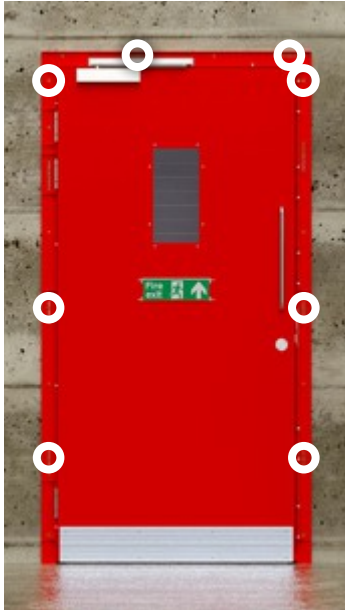
4.1 Unscrew the transport bolt at the **bottom** of the closing edge of the leaf by removing the hex head screw and steel shim using a hex key.

4.2 Unscrew the transport bolt at the **top** of the closing edge of the leaf by removing the hex head screw and steel shim using a hex key.

4.3 Check the doorset is hanging level at the top closing corner; if the gap is larger than that of the hinge edge, use the method from **1.2** to reduce the packing under the closing jamb until level.

IMPORTANT

Keep the transport bolts and shims in a safe place as these will be required for decommissioning later.



5

IMPORTANT - FIX THROUGH EVERY SLOT

Check perimeter gaps of the doorset are 3-5mm. If necessary, adjust by packing behind perpendicular fixing slot. Affix using **6.3mm x 75mm hexagon head masonry anchor screws with M6 washers** through the 7mm fixing slots. **Maximum 100mm from corners** and **400mm between centres**.

IMPORTANT

Additional fixings through the plate at the base of the jambs are optional for durability. Slots to accommodate mortar course where present or to avoid significant obstructions within the wall.



6

SEAL WITH INTUMESCENT SEALANT

Apply a bead of **acrylic intumescent sealant** to the gap between the frame and the supporting/wall construction on all sides.

Approved products are:

- › Mann McGowan Pyromas A
- › Everbuild Everflex Firemate Acrylic Intumescent
- › Firewise Intumescent & Acoustic Acrylic Sealant



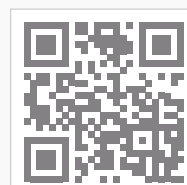
7

CHECK OPERATION

Check operation of doorset and adjust the door closer as necessary.

CLOSER MODES

Back Check & Delayed



Adjustment instructions can be found using the QR code:



8

COMPLETION OF INSTALLATION



You have completed the installation of Tempus.

It is recommended that the Tempus system is visually inspected every day and then detail inspected monthly for preventative maintenance.

ANNEX A - STRUCTURAL OPENING DIMENSIONS

A SMALL & LARGE TEMPUS - WIDTHS

Min. 975mm

Max. 1015mm

B SMALL TEMPUS - HEIGHTS

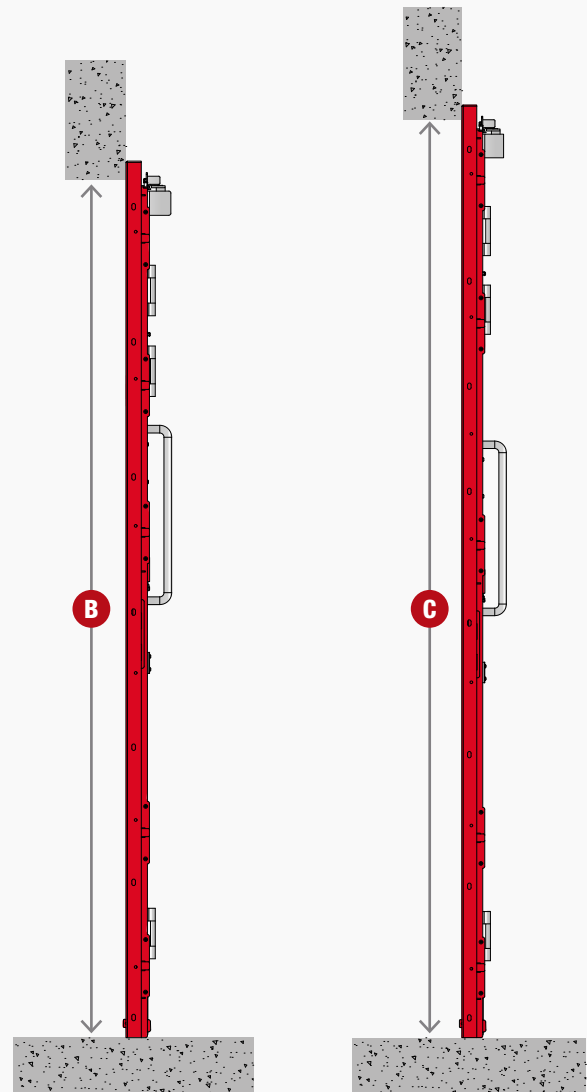
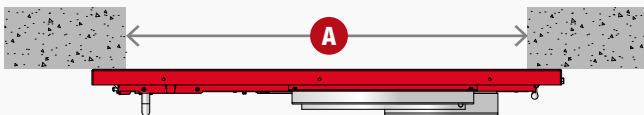
Min. 2095mm

Max. 2115mm

C LARGE TEMPUS - HEIGHTS

Min. 2295mm

Max. 2315mm



CLOSER SETTING

Delayed action and backcheck setting screws 3 and 4 marked on body. Clockwise to increase damping and slow the door movement.

1

DEFAULT SETTINGS

Do not over tighten this will damage seats just turn clockwise until you feel them nip up.

SCREW 1 70° – 0°

Turn clockwise till fully closed then ½ - 5/8 turn from closed

SCREW 2 7° – 0°

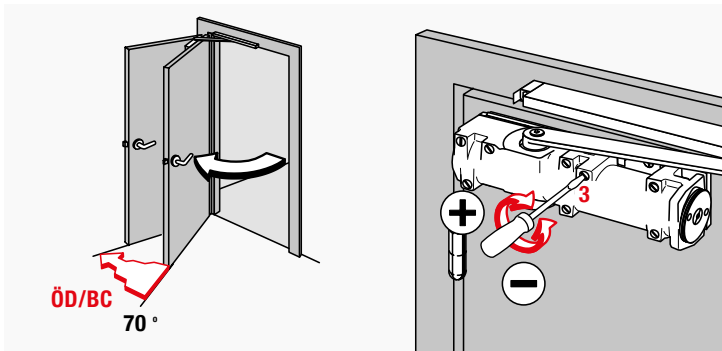
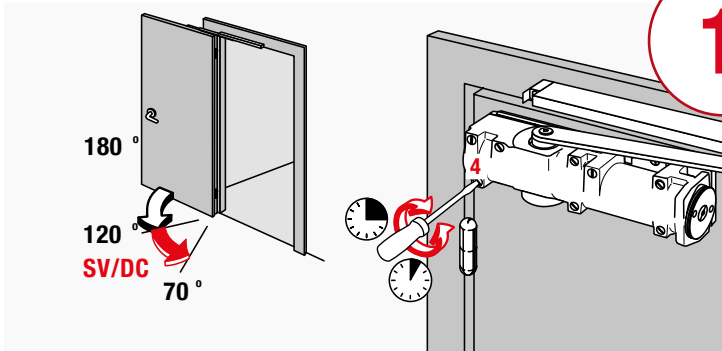
Clockwise until fully closed

SCREW 3 Backcheck

Clockwise until fully closed

SCREW 4 Delayed closing

½ - 5/8 turn from fully closed



CLOSER SCREW LOCATIONS



DECOMMISSIONING

The frame and door will be removed as one complete unit.

1

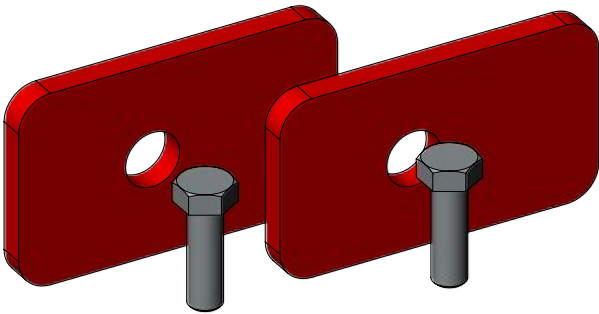
WHAT YOU WILL NEED

In order to secure the doorset before removal you will require the following parts:

x2	Transport Bolts	SEL-PRT-00954
x1	Thin Shim (3mm)	SEL-PRT-01092
x1	Thick Shim (4mm)	SEL-PRT-01091

These were supplied with the doorset and should have been kept aside from the initial installation:

Step 4 - Fit Transport Bolts



2

PREPARING FOR DECOMMISSIONING

Ensure all ironmongery items are securely fixed; i.e. Glazing Cassette, Closer, Handle etc.

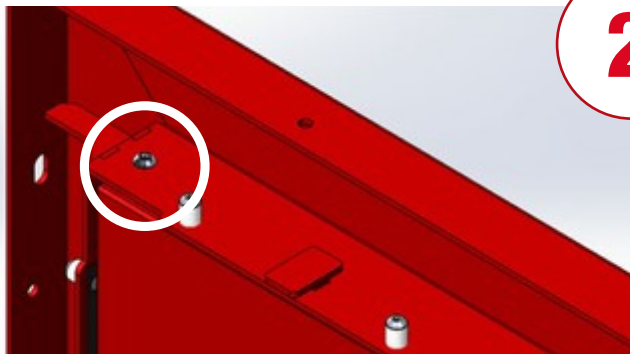
2.1 Reinstall the **upper transport bolt** along with the **thin shim**, tighten to secure.

2.2 Reinstall the **lower transport bolt** along with the **thick shim**, tighten to secure.

IMPORTANT

It is critical to reinstall the transport bolts in this order.

1.2



2.2



3

REMOVE ALL FIXINGS



Carefully remove all fixings and shims ensuring the two upper vertical fixings are removed last.

With another person to support the doorset, remove the remaining two fixings from the upper vertical slots.

CAUTION The doorset is very HEAVY!

Once fixings have been removed the doorset will be free to move.

4

TRANSPORTING AROUND SITE



A. If you have a **Tempus Stillage**, load the doors onto the stillage as recommended. (Scan QR for guide). Once loaded, the Stillage can be transported using a pallet truck or forklift.

B. If you don't have a Tempus Stillage the doors can be carried **individually by 2-3 people**, or by using a **Transport Trolley**.

5

STORAGE OR RETURN



If you have a **Tempus Stillage** the doors can be stored on this. Alternatively, the doors may be **stacked** on a flat surface **with bearers** both **on the ground** and **between each door**. Do not stack more than **x5 doors high**.

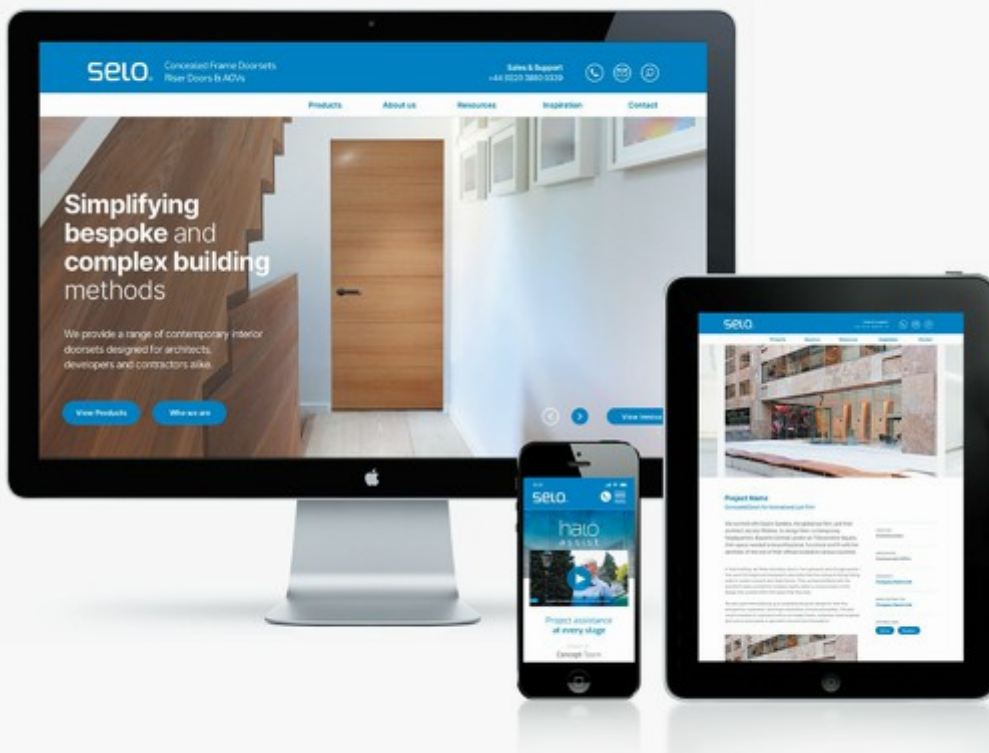
If the doorsets are to be **returned to Selo** a **Tempus Stillage is required** (we will provide Stillages if necessary). Once loaded and secured the doorsets can be transported back to Selo.

SUPPORT

For help and advice with your installation contact our experienced team.

call 020 3880 0339 **email** sales@selo-uk.com

Our mission is to **simplify bespoke**
and **complex building** methods™



Visit the Selo website, loaded with content and features:

www.selo.global/tempus

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POST INSTALLATION CHECKLIST

Required upon completion to ensure safety and compliance.
The checklist should also be completed periodically, every month.



Scan for
Tempus
downloads

Item check	Requirement	✓ or X	Initials
Intumescent seal	Gaps between the frame and the wall should not exceed 10mm. This gap should be filled with a bead of suitable acrylic intumescent sealant, examples of this are: Mann McGowan Pyromas A, Everbuild Everflex Firemate Acrylic Intumescent Sealant, Firewise Intumescent & Acoustic Acrylic Sealant.		
Door gap	3-5mm at the closing edge, hanging edge and head of the leaf 10mm maximum at the threshold of the leaf.		
Appropriate fixings used	Hexagon head steel masonry anchors: Masonry - 6.3mm dia. x 70mm long screw (min. length) Flexible - 6mm dia. x 75mm long screw (min. length)		
Doorset level check	Ensure frame is not distorted during installation, is square and level, so the gap between the outer edge of the frame reveal and the face of the leaf are level to each other. This is essential to the fire resistance performance of the Intumescent Lock. Great care must be taken to ensure this is correct.		
Seals present all around the Tempus frame	Seals should be present and intact all around the frame stop to seal the perimeter of the door when closed.		
Door operation and closer adjustment	Door must open and close securely, ensure closer has been adjusted correctly so that the backcheck is operational and the closing and latching speed does not cause the door to slam. QR Code for closer instructions can be found at the top of this page.		
Glazing cassette	Ensure all fixings on both faces of the leaf are secured, no cracks or chips exist on the glass and that it does not rattle when the leaf is operated. Any missing or loose fixings should be corrected immediately and damaged glazing cassettes replaced as this is essential to the door fire resistance performance.		
Sera lock	Check all of the Sera locks are present and don't foul door.		
Deadbolt latch (Optional specification)	Operation of the full function and engagement of the deadbolt locking on each door. Check all lock fixing bolts are secure.		
Euro cylinder (Optional specification)	Check function of the Eurocylinder.		
Automatic dropseal (Optional specification)	Ensure that the actuator pin activates when the door is fully closed and that it does not engage prematurely - This can damage the seal.		
Label	Check the label declaring fire rating is fitted to the door.		

Site	Door ID	Signed	Date