

# Tempus<sup>®</sup>

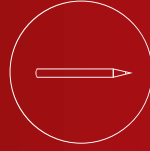
## TEMPORARY FIRE DOORS



# THANK YOU FOR CHOOSING Tempus<sup>®</sup>

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

## TOOLS REQUIRED



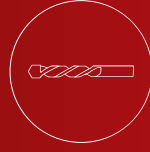
Pencil



Spirit Level



Cordless Drill/Driver



5.2mm Masonry Bit



Socket Set



Hex Keys (Metric)



Steel 'Horseshoe' Packers



Application Gun

## 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/m<sup>3</sup>)
- B.** Low density cast concrete (> or equal to 1100kg/m<sup>3</sup>)
- C.** High density cast concrete (> or equal to 2400kg/m<sup>3</sup>)
- 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

The Tempus temporary fire door will come fully protected with polystyrene corners and heat shrink wrapped in heavy duty polythene.



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



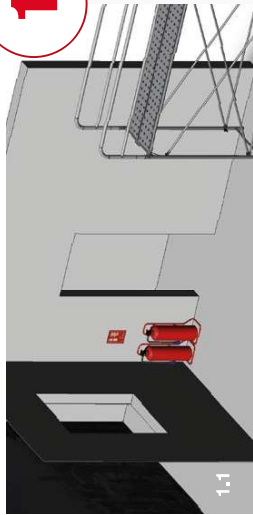
- 1.** The design/workmanship of other work, in particular the supporting constructions into which the doorset is affixed.
- 2.** The doorset being installed in accordance with the installation instructions.  
The Tempus system can be installed into various supporting constructions, you will need to 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](mailto:sales@selo-uk.com)

# INSTALLATION

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



1.1



1.2

## 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.

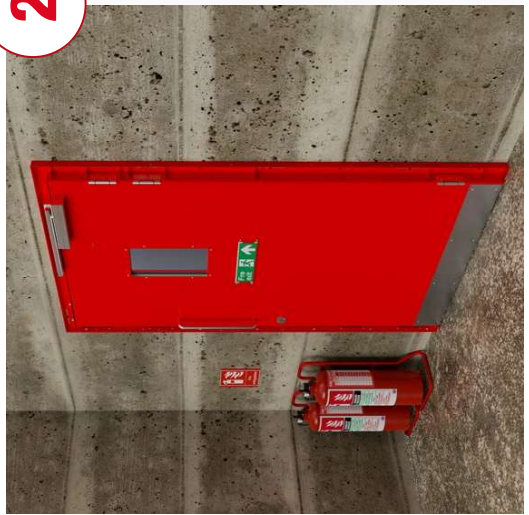
**IMPORTANT**  
Maximum threshold gap = 10mm

## 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

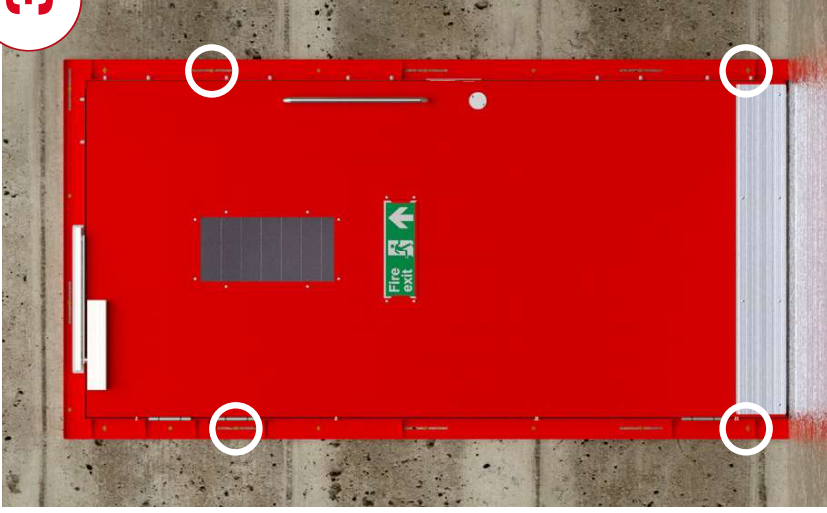
Affix doorset to the supporting construction through the two upper vertical 7mm slots and the two lower horizontal 7mm slots using **6.3mm x 70mm hexagon head masonry anchor screws with M6 washers**, ensuring the assembly is level. For greater stability, an additional fixing may be added to the upper horizontal slot on the hanging 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.

#### IMPORTANT

When affixing into a medium to high density rigid element, always use the correct pilot size for the masonry anchor screws. For a **6.3mm** diameter, a **5.2mm** diameter pilot drill is recommended.

For low density rigid element, it may be necessary to enlarge the pilot hole to **6.5mm** and use red wall plugs to ensure sufficient fixity. Slots in frame to accommodate mortar course where present or to avoid significant obstructions within the supporting/wall construction.

Maximum frame to supporting construction gap = **10mm**



## 4

### DISENGAGE TRANSPORT BOLTS

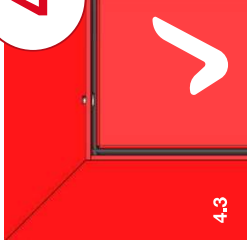
**4.1** Disengage the transport bolt at the **top** of the closing edge of the leaf by removing the button head machine screw and steel shim using a hex key.

**4.2** Disengage the transport bolt at the **bottom** of the closing edge of the leaf by removing the button head machine 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 hanging edge, use the method from **1.2** to reduce the packing under the closing jamb until level.

#### IMPORTANT

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



4.1



4.3



4.1



4.2

## 5

## FIX THROUGH EVERY SLOT

Check remaining perimeter gaps of the doorset are within the 4–5mm tolerance. If necessary, adjust by packing behind perpendicular fixing slot. Affix using **6.3mm x 70mm hexagon head masonry anchor screws with M6 washers** through the 7mm fixing slots.

**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.



## 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.

## 6

## SEAL WITH INTUMESCENT SEALANT

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

Approved examples of this 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 Dorma TS93B 2-5 door closer as necessary. Dorma adjustment instructions can be found using the QR code below:



## ANNEX A - STRUCTURAL OPENING DIMENSIONS

**A SMALL & LARGE TEMPUS - WIDTHS**

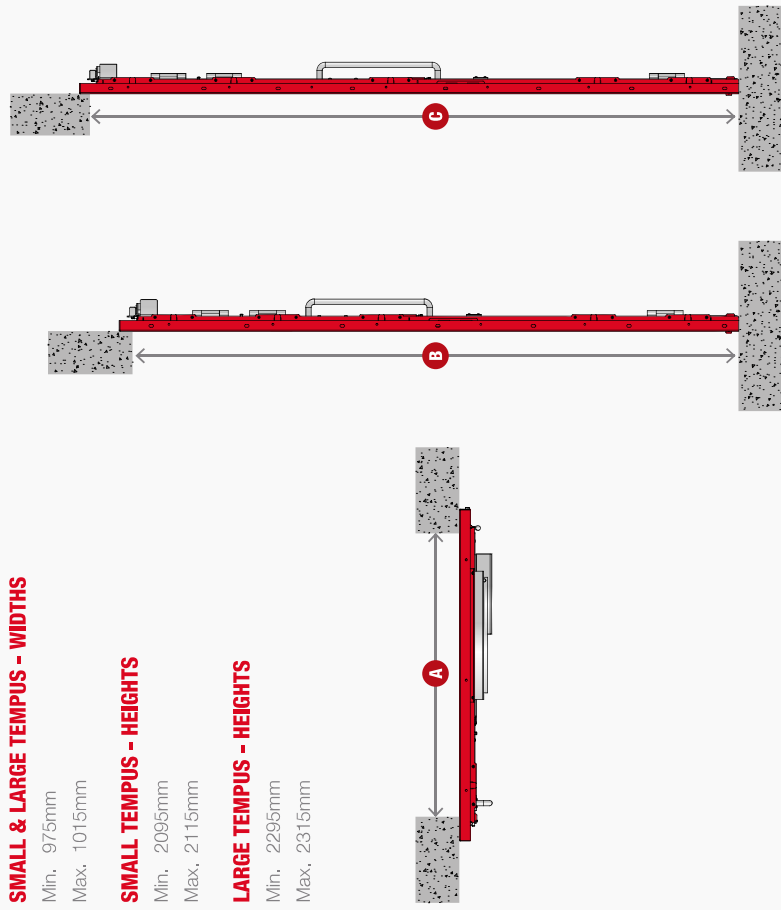
Min. 975mm  
Max. 1015mm

**B SMALL TEMPUS - HEIGHTS**

Min. 2095mm  
Max. 2115mm

**C LARGE TEMPUS - HEIGHTS**

Min. 2295mm  
Max. 2315mm



## DECOMMISSIONING

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



### 1

#### PREPARING FOR DECOMMISSIONING

Ensure all ironmongery items are securely fixed; i.e. glazing cassette, closer, handle etc.

Using the transport bolts and steel shims kept aside from **Step 4 - Disengage Transport Bolts;** reinstate the upper transport bolt and shim first and then the lower transport bolt and shim

For additional rigidity during transportation, the deadbolt latch if present can be engaged.



### 2

#### REMOVE ALL FIXINGS

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

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

The doorset is now free.

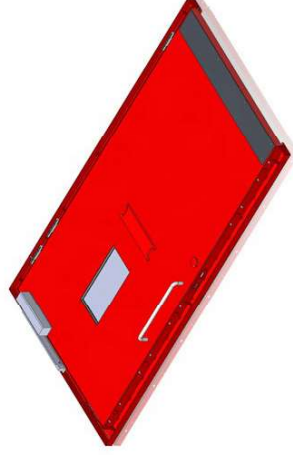


### 3

#### HANDLING FOR TRANSPORTATION

Carefully stack Tempus flat ensuring there are sufficiently stable bearers between doorsets and that closers are alternated to reduce the risk of damage.

Moveable stillages are recommended for transportation around site.



## SUPPORT

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

call 020 3880 0339 email [sales@selo-uk.com](mailto: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](http://www.selo-global/tempus)

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# POST INSTALLATION CHECKLIST

SELO®

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

Scan QR for  
Door Closer  
instructions



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	<b>4mm</b> +/-1mm at the closing edge, hanging edge and head of the leaf 10mm maximum at the threshold of the leaf.		
Appropriate fixings used	Must be <b>6.3mm diameter</b> x <b>70mm long</b> (minimum length) hexagon head steel masonry anchors.		
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 <b>essential to the fire resistance performance</b> 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.		
Deadbolt latch (Optional specification)	Operation of the full function and engagement of the deadbolt locking on <b>each</b> 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