

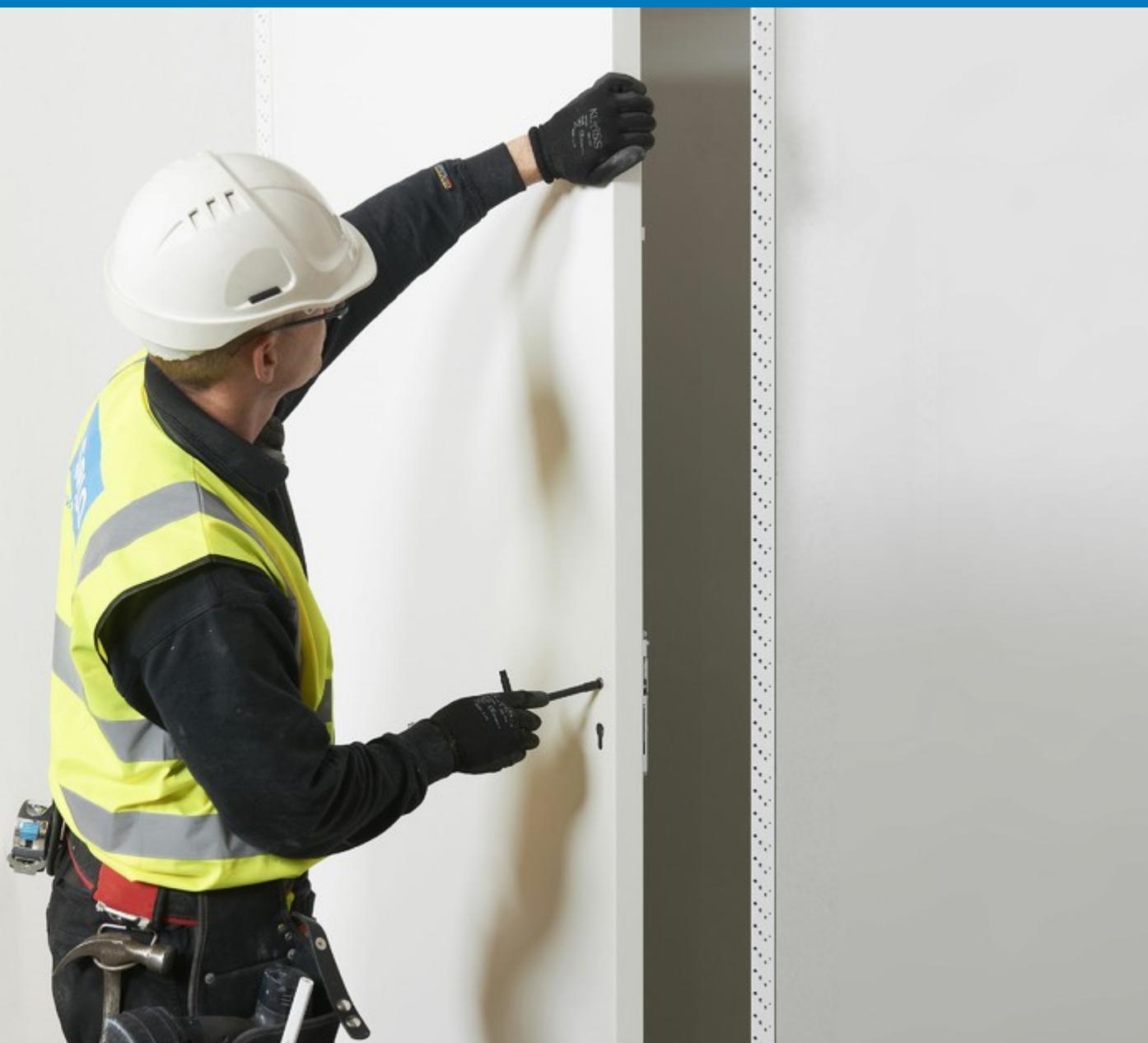
halo
assist

Installation supportline:
call 020 3880 0339

selo[®]

Concealed Frame Doorsets
Riser Doors & AOVs

Rida
Value Riser Doorsets

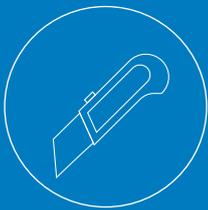


[Installation instructions](#)

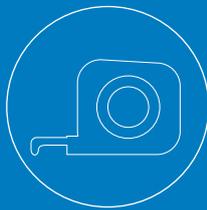
Thank you for choosing Rida

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

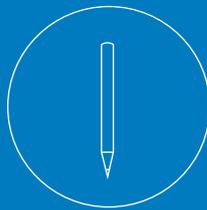
Tools required



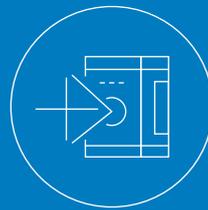
Knife



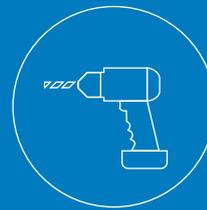
Tape measure



Pencil



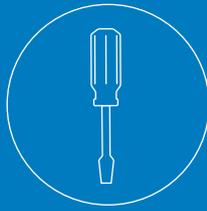
Laser level



Cordless drill-driver



Hex key (6mm)



Screw driver

IMPORTANT - Fire rating notice

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



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

The Rida system can be fitted to either studwork or masonry walls, you will need to ensure the wall itself meets the correct fire resistance performance.

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

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

Installation guidance

Please ensure you follow the pre and post installation guidance below to ensure successful application.

Wall preparation

The wall construction will need to be constructed to suit the fire rating specified. If using a steel stud partition, then a timber insert on the four sides of the opening needs to be fitted to ensure sufficient fixity.

Note

Some shaft wall partitions will not require the timber insert, please consult Selo for guidance and advice.

Fixings

Screw fixings used during installation must be:

- › **Min. 75mm long**
- › **Min. 35mm of penetration into the Stud**
- › **4.2mm dia.** (for optimum results)

Doorset specifications

The Rida doorset will come fully protected with cardboard corners and heat shrink wrapped in heavy duty polythene. Ensure the door specifications shown on the printed label correspond with your project schedule.

Post installation checklist

Once installed; please ensure that all the steps within the post installation checklist (shown on back cover/final page) are completed to ensure safety and compliance.



Single door installation

When fitting a single doorset the frame and doors will be supplied as one.

1

Check opening

It is very important to ensure the opening is square and level. A **laser level** is ideal for this. Also check the structural opening dimensions are correct.

IMPORTANT

If installing a **Double Door** please go to **page 10**.

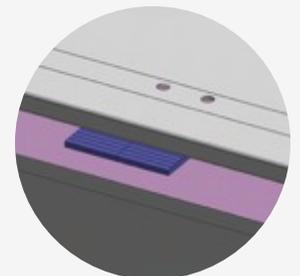
2

Lift the doorset into the opening

Place **packers** on the bottom of the structural opening and lift the doorset into the opening to sit on the packers ensuring there is an **even gap top and bottom**.

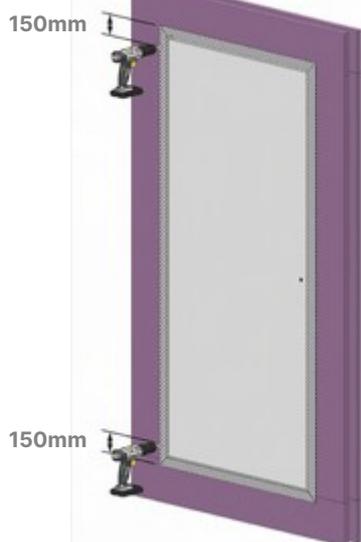
IMPORTANT

Plastic or Non-combustible packers **ONLY**. Gaps must **NOT** exceed **10mm**.



3

Fix Hinge Jamb



Ensure the Hinge Jamb is plumb using a **laser level**. Hold in place by fixing through the **perforated flange** one screw **150mm from the top** and one screw **150mm from the bottom**.

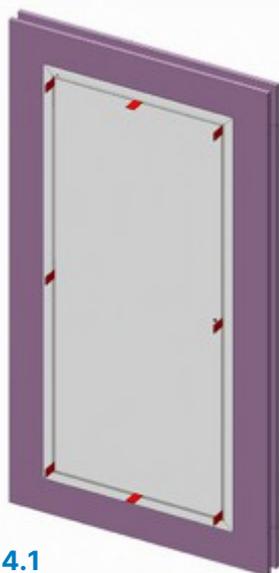
IMPORTANT

Screw fixings used during installation must be:

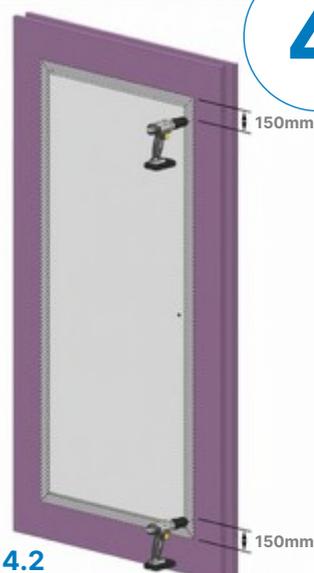
- › **Min. 75mm long**
- › **Min. 35mm of penetration into the Stud**
- › **4.2mm dia.** (for optimum results)

4

Check gaps



4.1



4.2

4.1 Check you have an even **3mm gap all round the door leaf** using a **3mm packer**.

4.2 Fix the **Latch Jamb** in the same way.

5

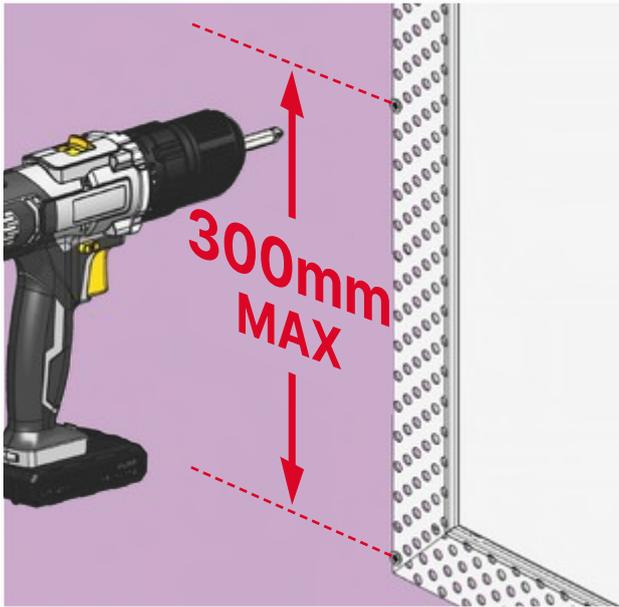
Check Door operation



Open and close the door to ensure it **does not rub or catch** and adjust if necessary.

6

Fix through Perforated Flange



Fix through the perforated flange with fixings **no further apart than 300mm** and a maximum **30mm from the corners**. Use a fixing length that will penetrate the stud by a **minimum of 35mm**.

IMPORTANT

Screw fixings used during installation must be:

- › **Min. 75mm long**
- › **Min. 35mm of penetration into the Stud**
- › **4.2mm dia.** (for optimum results)

7

Final frame fixings



Once fixings through the perforated flange are complete, **fix through the door stop** using the holes provided. **Every hole provided must be used.**

IMPORTANT

When packing the frame, **Plastic or Non-combustible Packers are suitable but MUST be trimmed back** to allow coverage with **intumescent mastic** (when applied).

Frame fixings require **min. 35mm penetration** into the Stud.

8

Tape & Joint/Plaster



Apply **Fibre Tape** to all 4 sides. The tape should be **half on the Flange and half on the Plasterboard face**.

Tape & Joint or Plaster up to the perforated flange to conceal the frame.

9

Painting & Decoration



The doorset can either be left as supplied in its powder coated form, or, if indicated by a label on the door it can be painted over with the rest of the wall.

10a

Fire rating

**Pre-intumesced frame ONLY**

If specified, the doorset will be provided with the intumescent fire stopping material fixed into place.

There is no need to apply any additional sealant.

To check compliance, look through the **inspection hole on the inner frame** (above the Quench sticker, shown below). Installed Quench intumescent should be visible through this hole.

**Acoustic attenuation**

If optimum acoustic rating is required;
Please caulk the rear of the frame/
structural opening gap.

10b

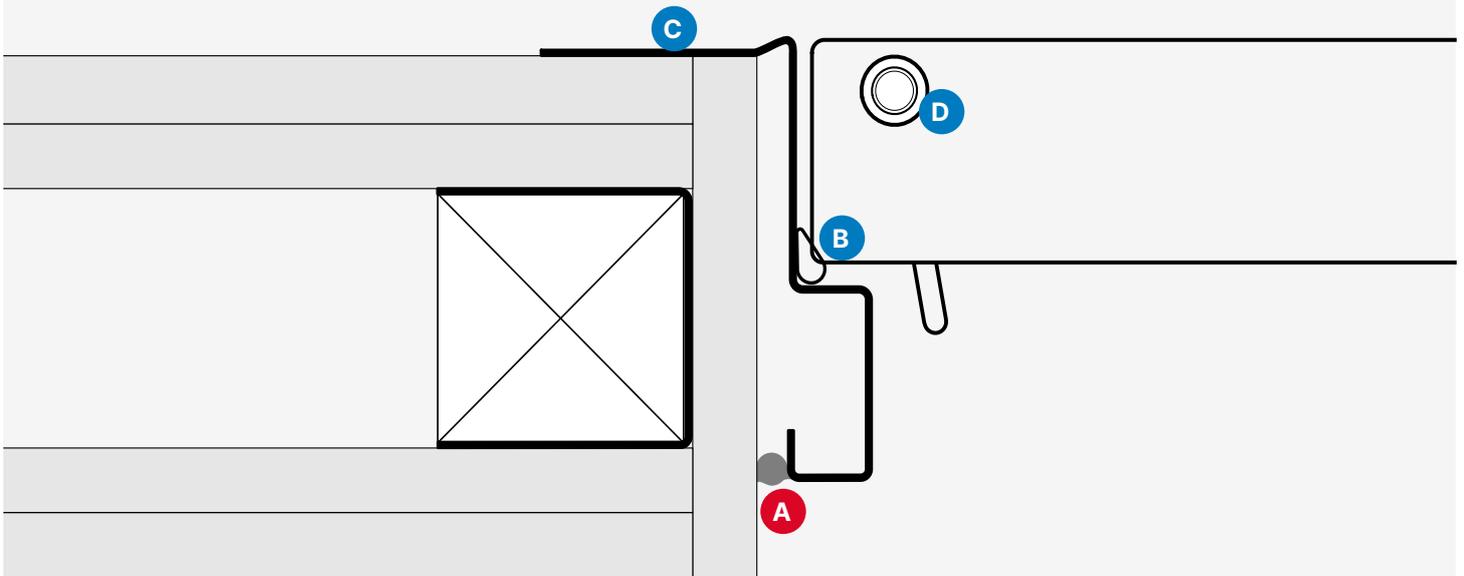
Fire rating



Standard frame ONLY

To achieve a fire rating on a standard frame it will require 'Mann McGowan Pyromas A' / 'Everbuild Everflex Fire Mate Acrylic Intumescent Sealant' or an intumescent sealant that has been tested in the same situation applied to the back edge of the frame as shown below.

IMPORTANT - DO NOT USE ANY TYPE OF EXPANDING FOAM TO INSTALL THE DOORSET



IMPORTANT

If packers have been used they must be trimmed back to enable them to be covered by the intumescent mastic.

DO NOT use expanding foam to install the doorset.

If wallpapering the doorset ensure it has the required fire rating to suit the application. Contact Selo for compatibility and installation advice on **020 3880 0339**.

A Continuous bead of intumescent sealant to rear of frame. Any packers used must be trimmed-back and covered with the intumescent sealant

B Silicone Smoke Seal

C Fixing-flange Frame

D Pivot Hinge location point

11

FDKL signage



FDKL signs must be fitted in **accordance with local building regulations**.

Discrete option available may be accepted by building control, approval must be sought.



Double door installation

The frame needs to be installed first and the doors then hung.

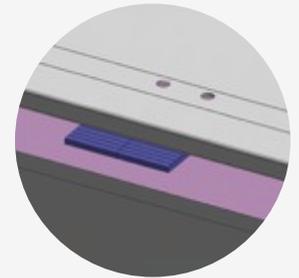
1

Lift the Frame into the opening

Check opening with a **laser level** to ensure it is square and level.

Place **packers** on the bottom of the structural opening and lift the doorset into the opening to sit on the packers ensuring there is an **even gap top and bottom**.

IMPORTANT
Plastic or Non-combustible
packers **ONLY**. Gaps must
NOT exceed 10mm.

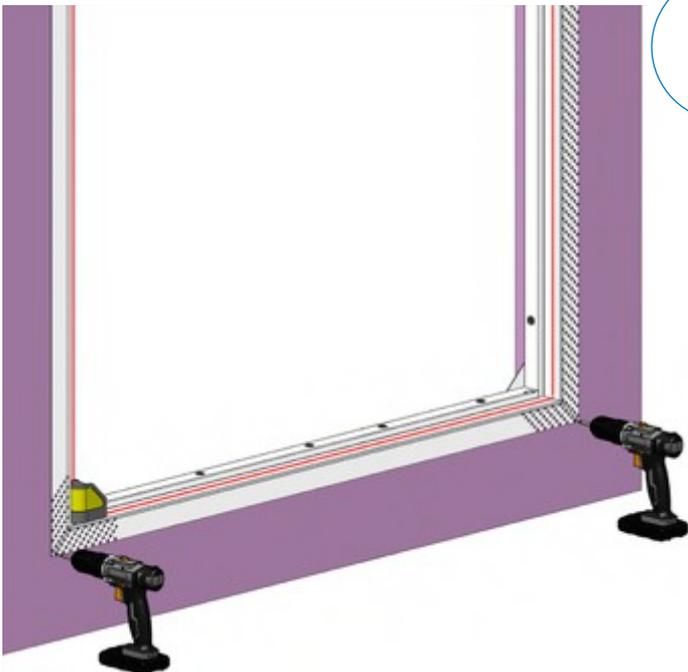


2

Level Threshold

Check the **Threshold is level** using a laser and fix a screw through the plaster-bead at the **Threshold only**, into each opposite corner of the threshold plaster-bead.

IMPORTANT
Screw fixings used during installation must be:
› **Min. 75mm long**
› **Min. 35mm of penetration into the Stud**
› **4.2mm dia.** (for optimum results)



3

Plumb and fix Vertical Jamb



Plumb the **Vertical Jamb** using a laser and **Packers** to pack behind the frame. Once plumb, fit a screw through the **second hole** down in the door stop on each **Vertical Jamb**.

Do not screw these in tightly at this stage.

IMPORTANT

Screw fixings used during installation must be:

- › **Min. 75mm long**
- › **Min. 35mm of penetration into the Stud**
- › **4.2mm dia.** (for optimum results)

4

Hang Door Leafs



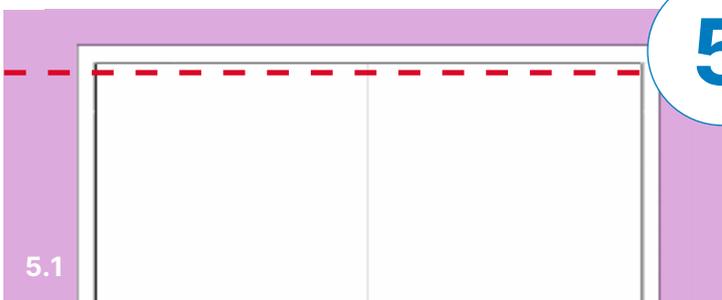
Check a **Washer** is present on each **Bottom Pivot**.

4.1 Place the **Door Leaf** on the **Bottom Pivot** and then locate the sprung loaded **Top Pivot-pin** into the hole within the **Frame**.

4.2 Ensure that the **Pivot-pin is fully engaged** and that the lever is able to move into the horizontal slot.

5

Level Door Leaf tops



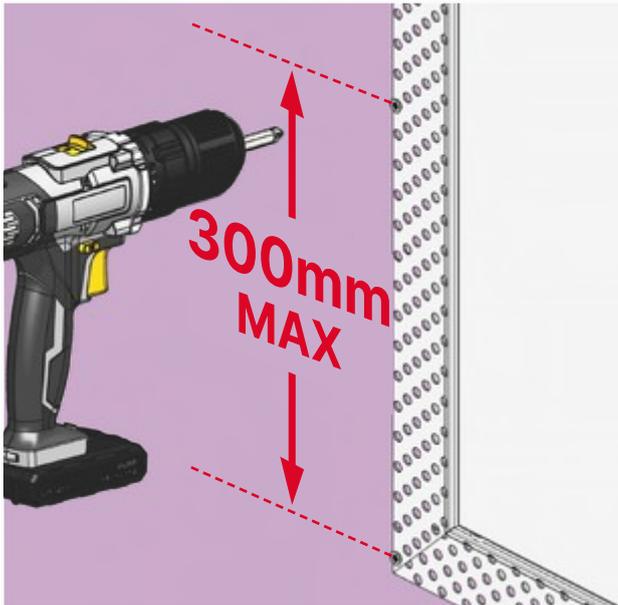
5.1 Check the tops of the doors are level. If required, adjust the **Frame** left or right to achieve this.



5.2 Lock the **Frame** into position by adding a fixing to each top corner of the **Fixing Bead**.

6

Fix through Perforated Flange



Fix through the perforated flange with fixings **no further apart than 300mm** and a maximum **30mm from the corners**. Use a fixing length that will penetrate the stud by a **minimum of 35mm**.

IMPORTANT

Screw fixings used during installation must be:

- › **Min. 75mm long**
- › **Min. 35mm of penetration into the Stud**
- › **4.2mm dia.** (for optimum results)

7

Final frame fixings



Once fixings through the perforated flange are complete, **fix through the door stop** using the holes provided. **Every hole provided must be used.**

IMPORTANT

When packing the frame, **combustible and non-combustible Packers are suitable but MUST be trimmed back** to allow coverage with **intumescent mastic** (when applied).

Frame fixings require **min. 35mm penetration** into the Stud.

FIRE RATING

Refer to Single Door Fire-rating Steps **10a** and **10b** to complete the Double Door Installation.



! FIRE DOOR KEEP LOCKED

Hanging/removing door leaf

The Rida system uses a pivot pin hinge system for ease of installation.



1

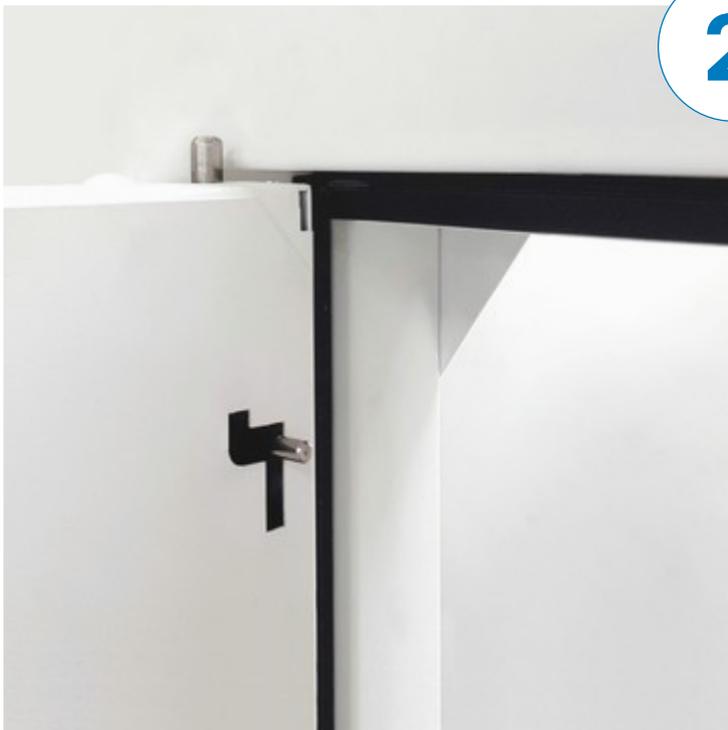
Base pivot

Ensure the **3mm nylon washer** is set on the pivot.

Place the door leaf on the bottom pivot pin and lift the door into place.

IMPORTANT

This is a two person operation.



2

Head pivot

Using the pivot pin on the back of the door, pull across and downwards to retract the head pin.

Insert the door leaf into the frame and locate the head pivot mounting point. Once in position re-extend the pin securing it to the frame, then slide across and up to lock the pin into position.

To remove the door simply reverse the steps.

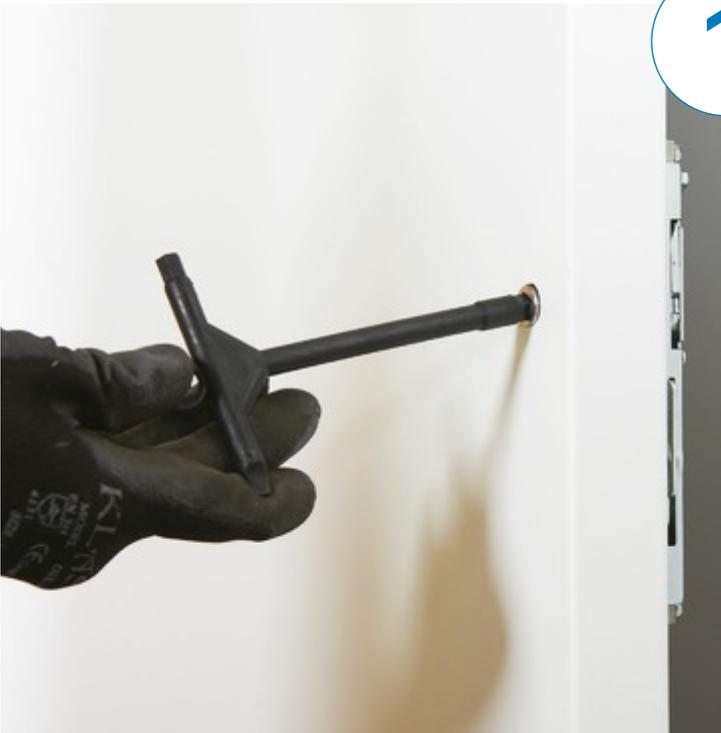
3 point lock

Rida comes pre-fitted with a 3 point locking system.

1

Standard lock

The Rida doorset uses a 3 point locking system operated by a square drive key as shown. This is provided already fitted to the door.



1.1 Centre lock mechanism



1.2 Base locking pin



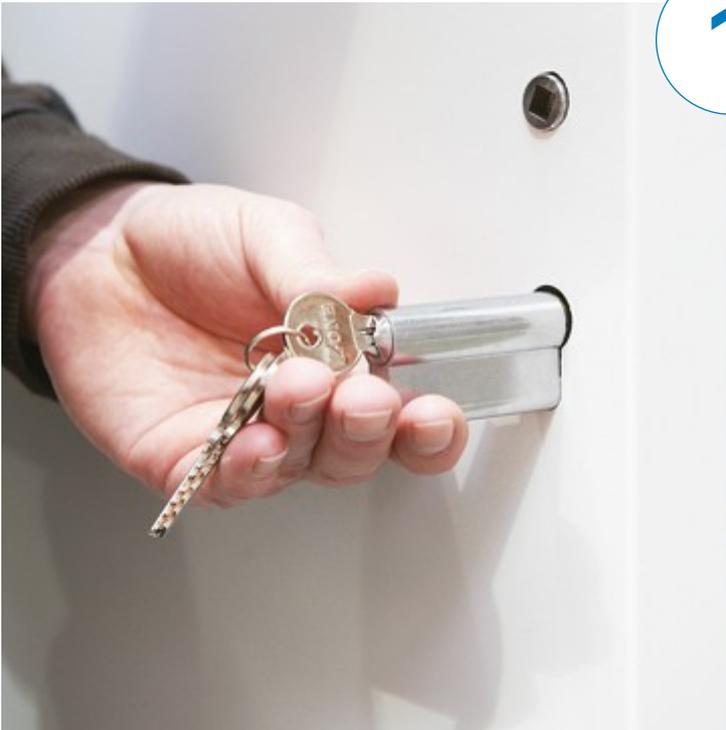
1.3 Head locking pin

Euro cylinder

For high security situations the Rida locking system can be provided with a provision for a euro cylinder.

1

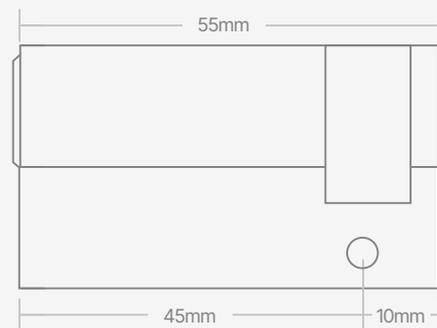
Fitting a euro cylinder



Insert the cylinder into the pre-cut hole.

Specification

- > 55mm Long
- > 45/10 Split



2

Fix the cylinder in place



The cylinder is held into place using an M5×20mm screw supplied loose with the cylinder.

3

Activating the Cylinder



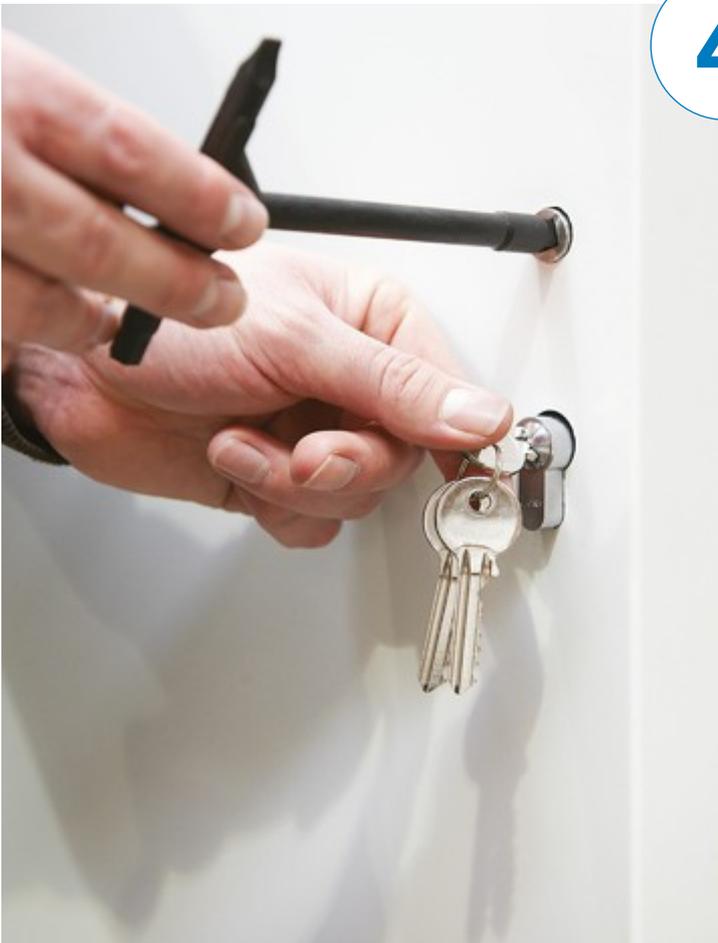
To activate the Cylinder the activation screw needs to be removed from the back of the lock as shown.

IMPORTANT

Only do this once ready to be used as the activation cannot be reversed.

4

Check operation



The 3 point lock can only be operated while the key is turned in the cylinder.

The key cannot be removed from the lock until the 3 point lock has been turned to the lock position.

IMPORTANT

Once installed; please ensure that all the steps within the post installation checklist (shown on back cover/final page) are completed to ensure safety and compliance.



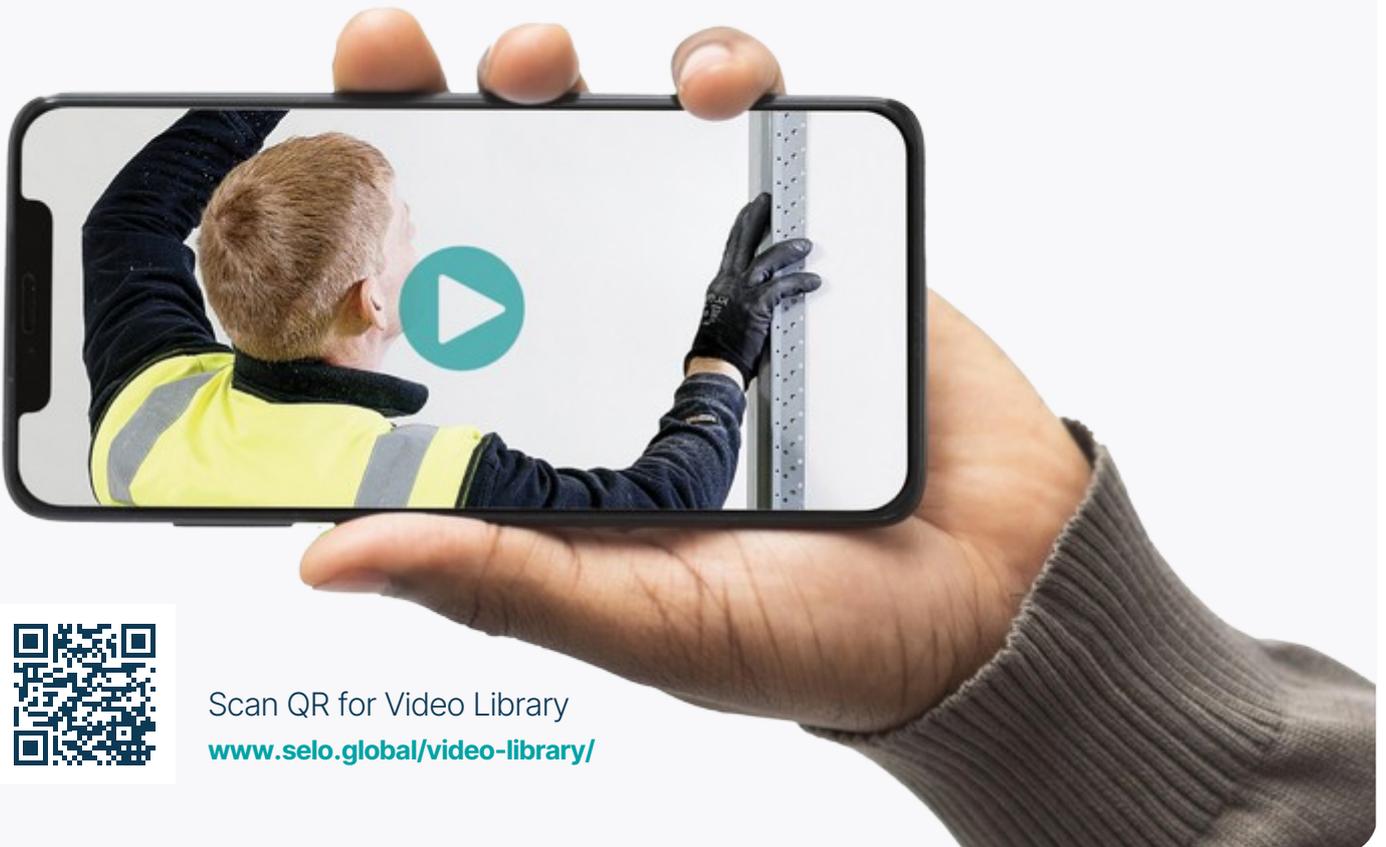
For installation help and advice with your project:

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

INSTALLER TRAINING

Hands-on practical installation advice

Complimentary training is provided at our Milton Keynes headquarters. Learn installation tips and tricks directly from the manufacturer; helping improve standards with quality, compliant installations.



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www.selo.global/video-library/

Post installation checklist required upon completion to ensure safety and compliance. The checklist should also be completed periodically, every 6 months.

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, unless the frame is pre-intumesced with Quench®.		
Door gap	3mm +/-1mm		
Appropriate door stop fixings used	Every hole in the door stop must be fixed with steel screws that penetrate the stud by min. 35mm . Stop fixings should not be overtightened distorting any part of the frame.		
Appropriate plaster bead fixings used	Must be 75mm long steel fixings. No more than 300mm apart and maximum 30mm from the corners .		
Frame is square to wall	Ensure frame is not distorted during installation, so the gap between the door stop and the rear of the door remains at 2-4mm and is consistent across the full height of the door. <u>Do not use expanding foam of any kind.</u>		
Seals present all around the Rida frame	Seals should be present and intact all around the frame stop to seal the perimeter of the door when closed.		
Top edge of meeting doors	Top edges of double-doors (+multiples) should be level and parallel with the frame.		
Nylon bearing washer	Each door should have a nylon bearing washer fitted to the bottom pivot pin located at the heel edge of the door.		
Door operation	Door must open and close securely, flush with wall and adjacent doors.		
Top and bottom pivot	The top pivot should be fully engaged into the frame with the release bar fully-up and into it's locked position. The door should be fully located on the bottom bearing washer and pin.		
3 point lock	Operation of the full function and engagement of the 3 point locking on each door. Check all lock fixing bolts are secure.		
Euro cylinder (Optional specification)	Check function of the eurocylinder and that the retaining screw fitted is M5 x20mm Pan head . (Longer screws prevent lock from functioning)		
Label	Check the label declaring fire rating is fitted to the rear of the door.		

Site	Door ID	Signed	Date