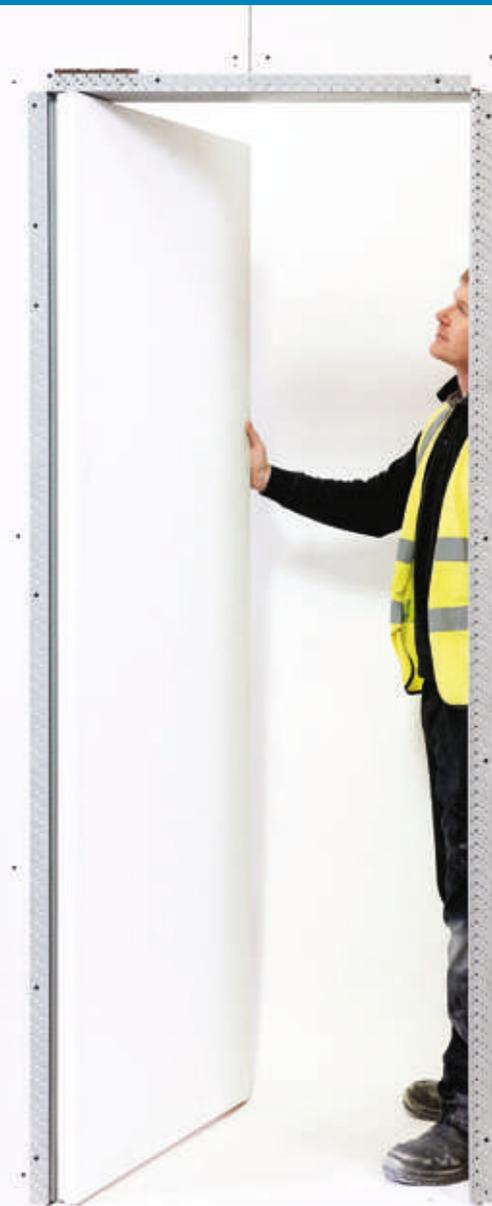




Experience simplicity.

## Innova

Concealed frame doorsets



1

2

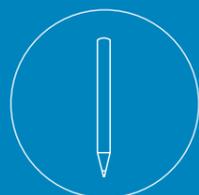
[Installation instructions](#)

# Thank you for choosing Innova

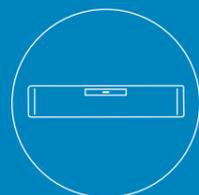
To ensure the installation process is simple and efficient we recommended you read this guide in full before you begin.

## Tools required

To install your Innova doorset you will need the following tools:



Pencil



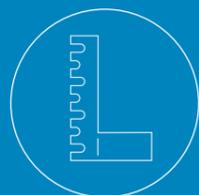
Spirit level



Cordless screwdriver



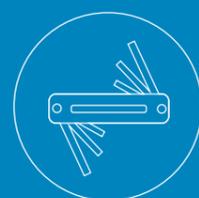
Tape measure



Set square



Knife



Allen keys (metric)

## Getting started

Before installation, please ensure the system specifications correspond with your project schedule.

### Preparing for installation

Your delivery will include one or both of the boxes shown depending on your order.

Ensure you have everything you need prior to installation. Sizes should be checked on the frame box.



Frame box



Door leaf

# What's included

Identify the components below and ensure you have everything prior to installation.

## Frame Kit



1 Hinge jamb



2 Strike jamb



3 Head jamb with pivot fitted



4 Strike plate and fixing



5 Pivot fittings



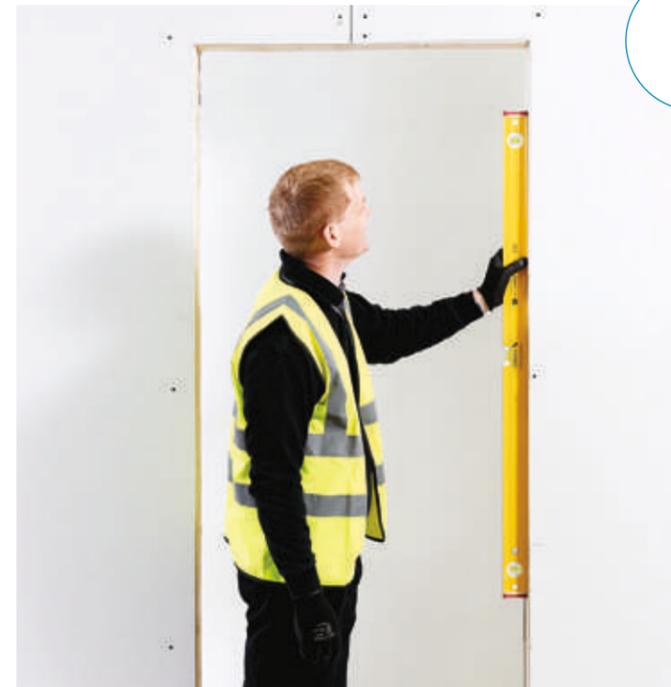
6 Door

# A) Step-by-step installation

Before installation please ensure you have carried out the recommendations in the 'Wall Construction Preparation' booklet.

1

## Check opening

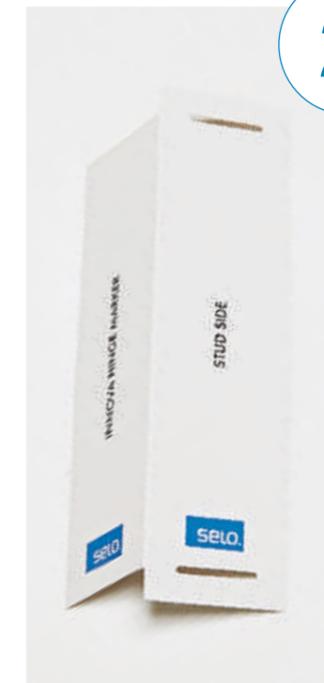


Ensure that the opening is square and level and the opening dimensions are correct.

Opening dimensions are obtained from the Selo door schedule provided for your project and also listed as standard opening width and height on the individual frame boxes.

2

## Notch



Notch head stud to accommodate pivot hinge  
Notch the head stud to the dimensions shown to accommodate the top pivot.

A notch template is provided with the frame.



3

**Hinge jamb**

The frame is inserted over the wall as shown. Make sure it is hard up against the timber stud and, when plumb and straight, fix through both perforated side flanges with x4 drywall screws (at least 50mm long) evenly spaced along the length of the jamb through the perforated flange.

**Important**

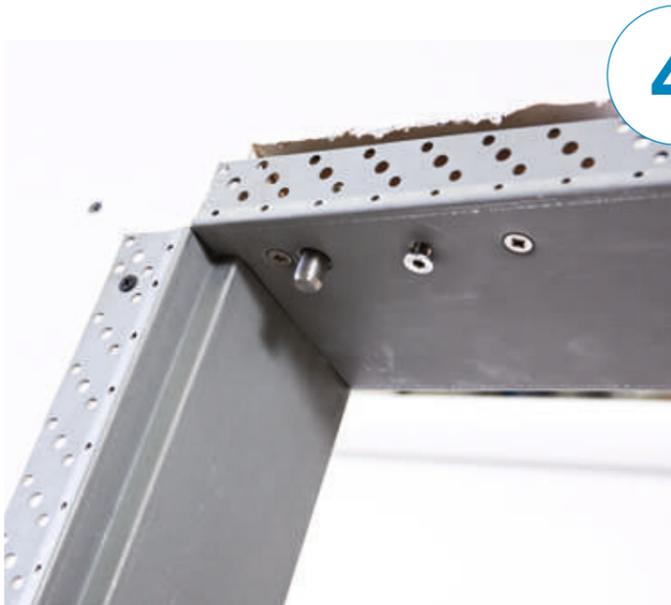
Before installation is complete, further screws will be required. This is covered in Step 13. Do not completely secure frame yet.



6

**Preparing the pivot**

Once all the jambs are fitted, double check that it is square level and plumb.

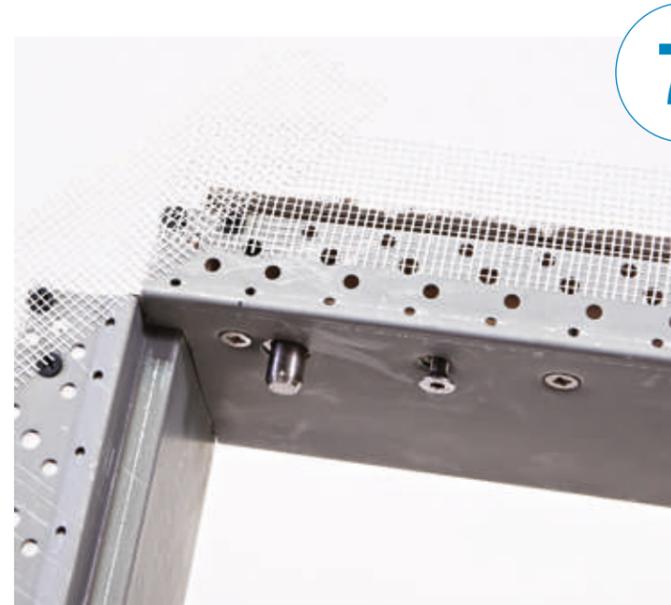


4

**Head jamb installation**

Install the head jamb. Locate the end of the head into the rebate on the frame and fix through the perforated side flanges as before.

The corner junction should look as shown.



7

**Retract the hex screw**

Unwind the hex head screw as far as it will go (anticlockwise) to allow the top pivot to retract flush into the head.

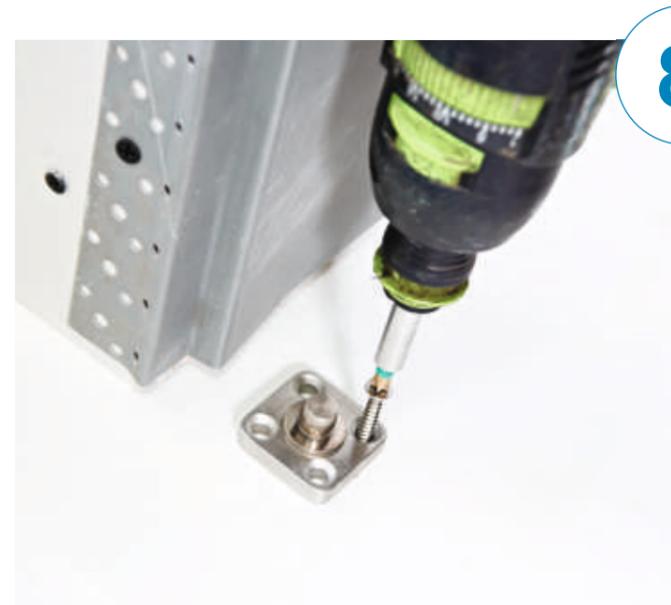


5

**Strike jamb installation**

Install the strike jamb by locating it into the head and fixing into place.

Ensure that the spacing between the two vertical frame sides is equal and the jambs are square.



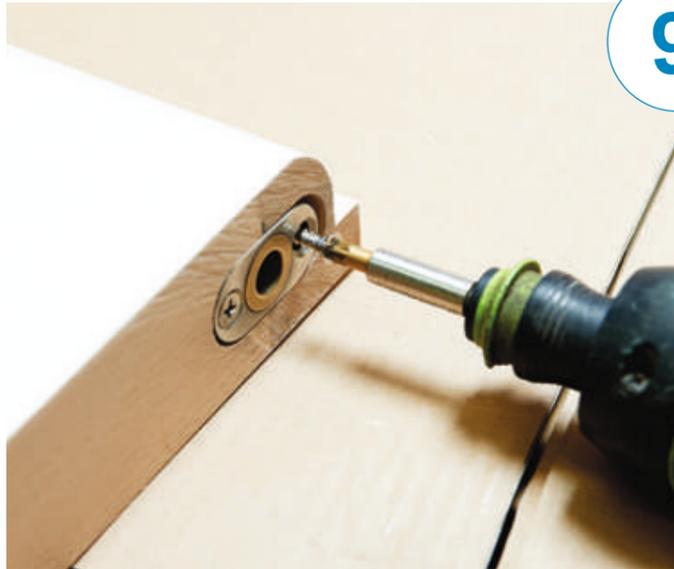
8

**Pivot plate**

Fit the bottom pivot base plate to the floor by using a plum line or laser level to ensure it lines up exactly to the top centre pin.

**Important**

The door leaf provided will be made to give you a 5mm undercut. You will need to let the pivot base plate into the floor by 5mm to achieve this.



9

Hinge jamb

Calculate the pivot socket centres by measuring the distance from the pivot centres to the edge of the frame, minus 3mm for the door gap.

Fit the pivot sockets to the door.



12

Check fitment

Swing the door to its open and then closed position to ensure that everything is working correctly.

Check that the gaps around the sides are 2.5 - 3mm, make adjustments to the frame if required. If the doors have not been provided with the frames, a dummy door can be provided.



10

Hang door

With assistance lift the door up on its end and locate the bottom socket over the floor pivot pin as shown. Install the door to ensure it swings correctly and smoothly.

**Important**

If the doors have not been supplied with the frames then a ensure the frame is level, plumb and square and go to step 13.



13

Fix every 200mm

Check that all the perforated side flanges sit flat against the plasterboard and screw at 200mm centres all around the frame through the perforated holes into the studwork. Double screw all ends and corners as shown.

Now that the swing and the frame alignment are correct, the door can be removed and put aside until the plastering and decorating are complete. See page 16 for correct storage of doors.

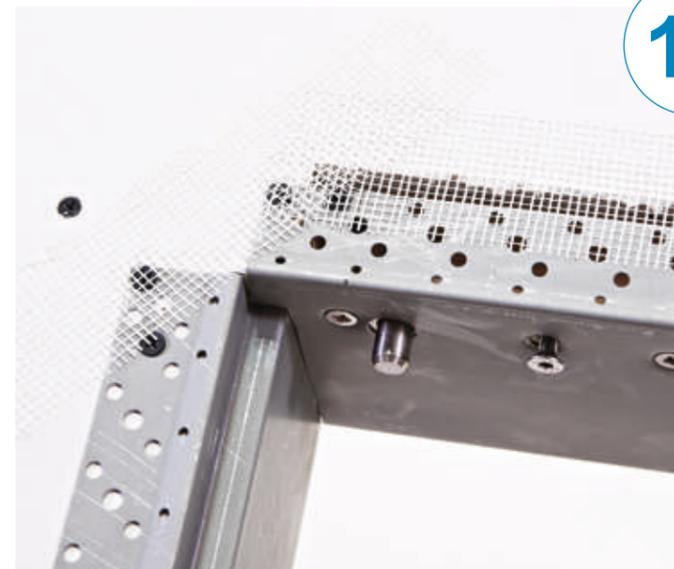


11

Fix into place

Swing the top of the door into an upright position to locate the top pivot into the pivot socket in the top of the door. Standing on a hop-up or steps will make it easier to sight the pivot in.

Once located, tighten the hex bolt with the Allen key provided to lock the pivot securely into position.



14

Plaster tape

Apply plaster fibre tape to the top corners at 45° and across the head over the pivot cut out.



15

Plastering / Decoration

Finish up to the stop bead with multi-finish plaster skim or tape and jointing compound. This conceals the frame and all fixings.

Once the plaster/jointing compound has dried, the wall and frame can be painted. The frame will need a metal primer applied (if supplied unfinished) and can then be painted as required.



16

Hang door

The door can then be re-hung. If the door is fire rated then the intumescent strip will need to be fitted to the grooves in the door edges. If the doorset is acoustic rated then the acoustic seals will need to be fitted.

If minor height adjustments are needed see page 13.



17

Fitting the latch

Fit the latch or lock to the door. Fitting of the latch plate is straight forward as it is surface mounted over the frame via 2 PH2 self-drilling screws.

**Important**

Keep the drill torque low to avoid turning the screws out of the frame.

# Congratulations!

You have now completed installation of your Innova concealed frame doorset.



## Innova Options

› Self closing

› Height adjustment

› Fire rating

› Recommended tools

## Innova self closing

### Self closer

If the doorset is required to be self closing then a floor spring pivot set is used. The bottom pin and socket are replaced with the floor spring box and bottom strap, which are installed in the usual sequence.

The floor spring is covered by the cover plate shown or a floor spring cover tray which the flooring can be fitted into.

For more information speak to one of our advisors today:

**tel 0113 245 9559**

**email [info@em-b.co.uk](mailto:info@em-b.co.uk)**



## Door height adjustment

If the door sits too low when position it on the base pin 2 stainless steel height adjustment washers can be used with the pivot set.



There is a 1mm and a 2mm washer that can be placed over the top of the pin and then the door re-hung.

## Fire rating

The Innova system is available with an FD30 or FD60 certification when installed using intumescent seals.

### Intumescent seals

To achieve the relevant specified fire rating intumescent seals will be provided. Doors will come with the appropriate pre-cut grooves ready for installation.



## Multi purpose saw

### Multi-tool

The recommended tool for cutting in the notches is the multi purpose saw. This can be hired or purchased from Selo.

#### Purchase

**£200.00 + VAT**

Includes the Bosch multi-tool and x2 blades.

#### Hire

First week **£75.00 + VAT**

Includes delivery and collection plus x1 blade.

**£20.00 + VAT per week thereafter.**

#### Additional blades

**£20.00 + VAT**

x1 standard multi purpose blade for timber and metal.

For more information speak to one of our advisors today:

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**email [info@em-b.co.uk](mailto:info@em-b.co.uk)**



# Correct storage of timber doors

## Important information

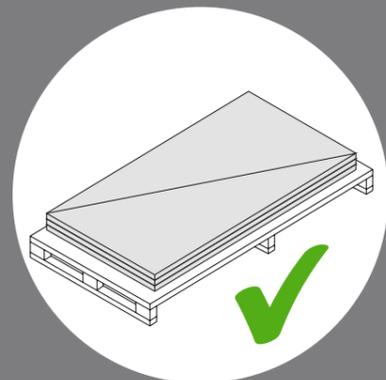
It is important that timber doors are stored in the correct manner prior to installation. Let solid wood doors acclimatise at normal room temperature for several days prior to installation.

They must be protected from exposure to excessive moisture and stored horizontally on a level surface on 3 or more equally spaced bearers, away from ground floor level. It is also recommended that any wrappings be left in place for as long as possible.

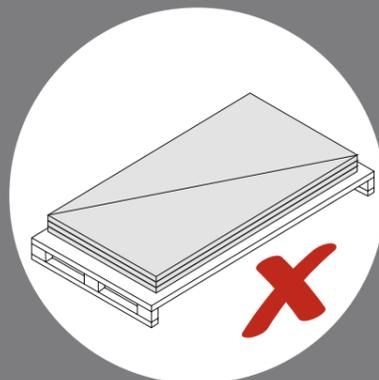
Do not lean doors on their edge up against a wall. This will almost certainly cause them to warp and distort.

Fire door leaves and doorsets are internal joinery components. As such, their handling and storage prior to installation should ensure that they are protected from rain, sun, and splashing by corrosive or staining materials - preferably in a ventilated building.

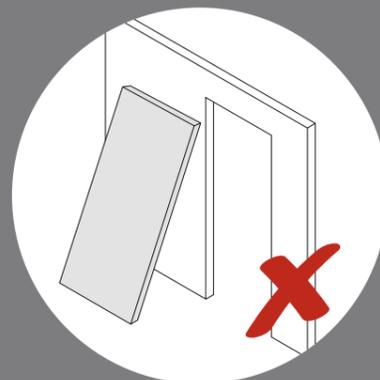
Door leaves and doorsets that are clear lacquered or varnished should be subject to storage that protects them from being unevenly exposed to sunlight.



Laid flat with load spread evenly



Laid flat with load spread to wide



Leant against wall



# Simplifying interior design and functionality

## Doorset solutions:



### Arriva & Innova

Concealed frame doorsets



### Quadra & Una

Riser door systems



### Enigma

Pocket sliding door systems



Leeds Office  
Forge House  
42-44 Burley Road  
Leeds  
LS3 1JX  
T: 0113 245 9559  
F: 0113 245 9779

Ashford Office  
Ground Floor, Unit 4  
Highpoint Business  
Village, Ashford  
TN24 8DH  
T: 0123 364 7788  
F: 0123 365 5244

Birmingham Office  
Suite 412  
51 Pinfold Street  
Birmingham  
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T: 0121 369 2045  
F: 0121 369 2046

London Office  
Hamilton House  
Mabledon Place  
Off Euston Road  
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