

Required tools:



Pencil



Tape Measure



Screwdrivers



Caulking Gun



Laser Level



Drill Driver



Chop Saw



Installation Guide Fire-rated Side & Over Panels

Important fire rating notice

The fire rating of any doorset is subject to a number of external 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.

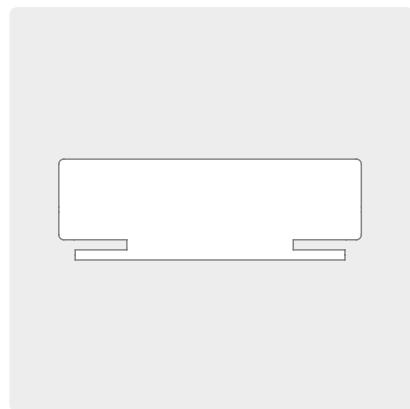
The Modulo Doorsets system can be fitted to either studwork or masonry walls, you will need to ensure the wall itself meets the correct fire resistance performance.

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

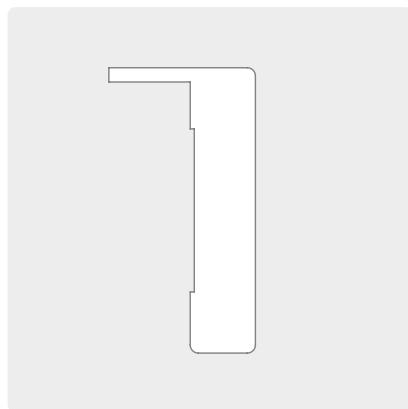
call 020 3880 0339 email sales@selo.global

Components

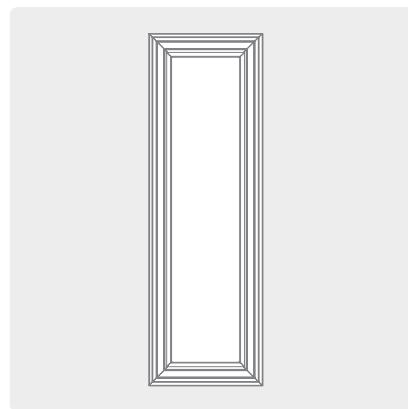
Please refer to your schedule to ensure you have everything. Not to scale.



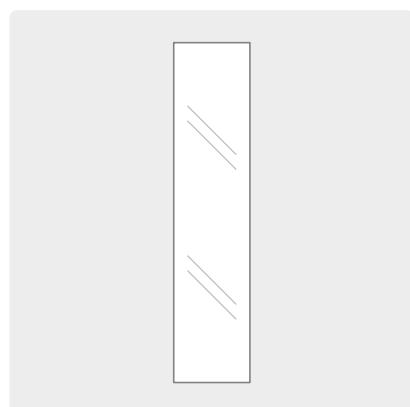
Frame Sections



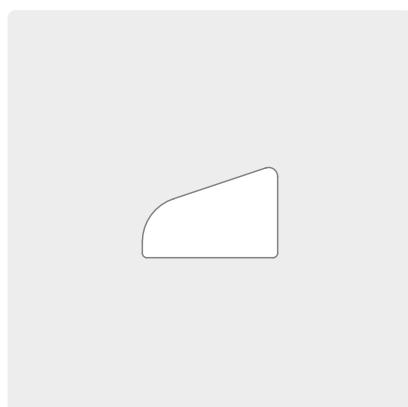
Architrave Sections



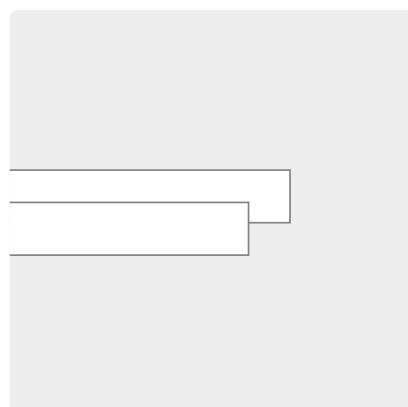
Part-assembled Glazing Panel



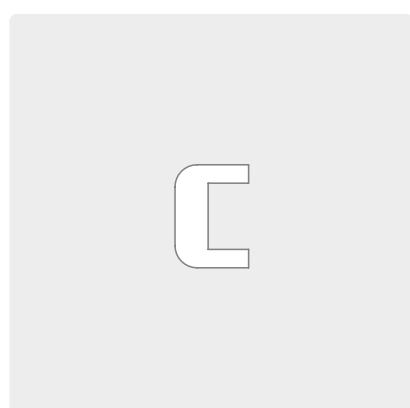
Glass Panel



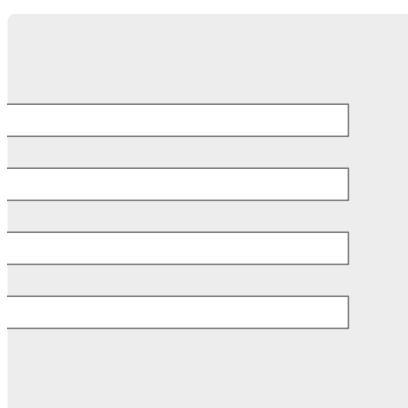
Frame Quadrant



Setting-out Blocks



Capping Piece



Intumescent Pack

Over panel installation

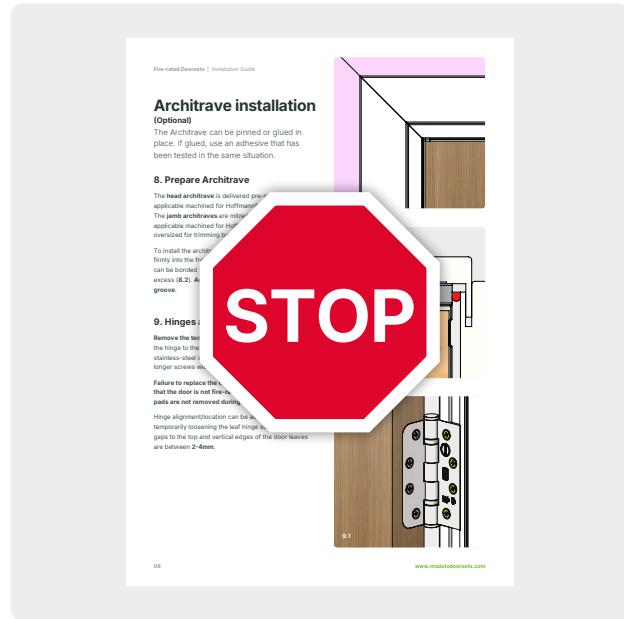
The over panel is installed after the doorset.

1. Doorset installation

Install the doorset using the fire rated guide:
SEL-PRT-02740 Modulo - Fire Rated Installation Guide

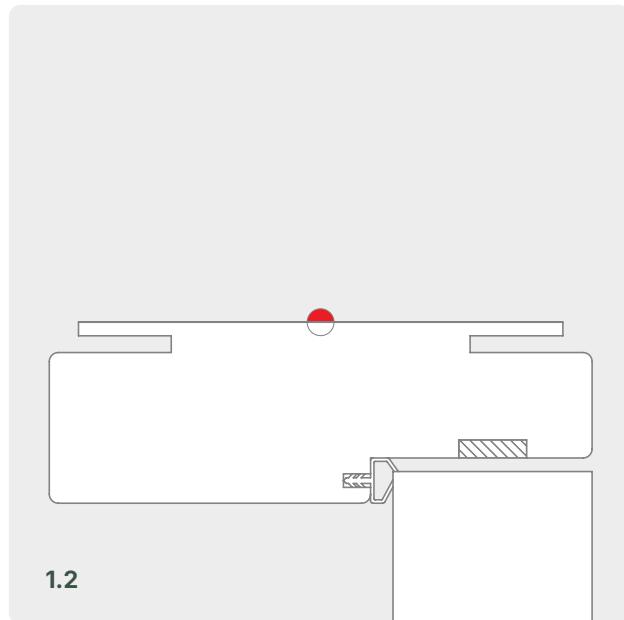


STOP at Step 8.



2. Intumescent mastic

Apply a continuous bead of **acrylic intumescent sealant** to the **back of the door frame**.

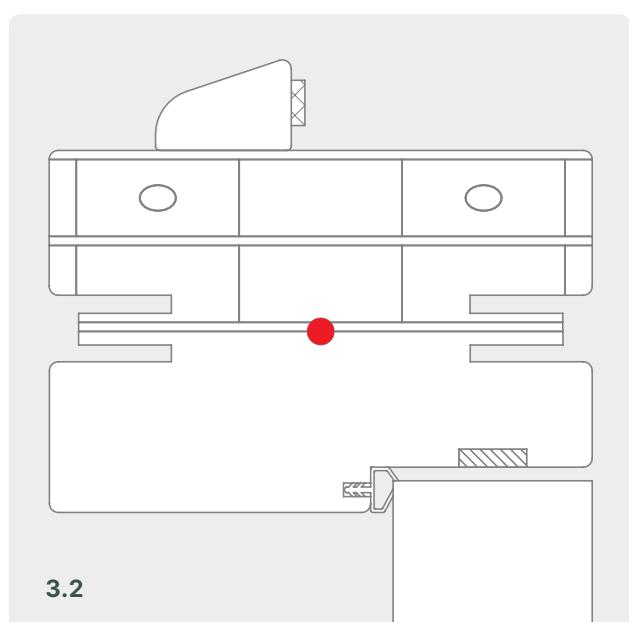
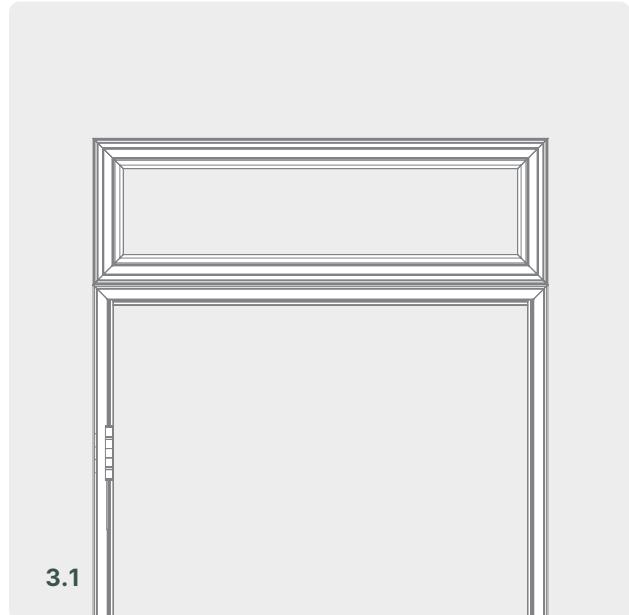


3. Frame to frame

Place the frames together

3.1 Place the **over panel** frame on top of the **door frame**.

3.2 Make sure there is **no gap** between the frames.



4. Fix over panel to frame

Using countersunk steel wood screws

4.1 Fit the glazed over panel frame to the **door frame** using **70mm countersunk steel wood screws** (x5).

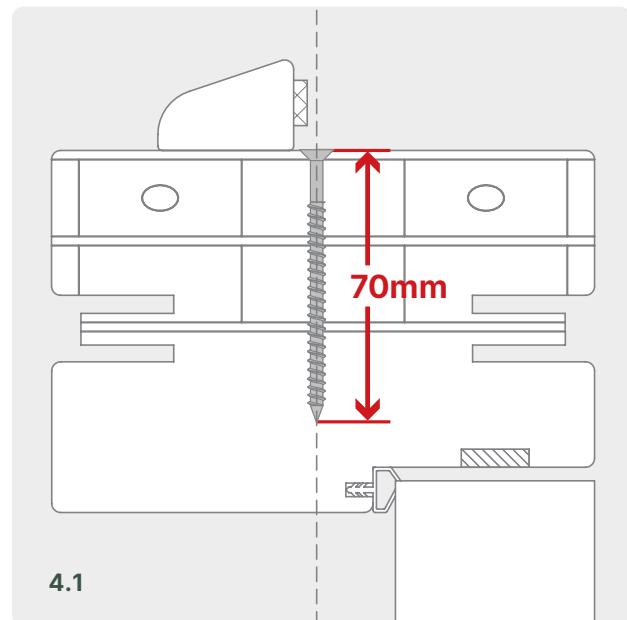
4.2 Fit glazed over panel frame to the **structural opening** using appropriate length **countersunk steel wood screws** to penetrate the studd as shown.

Fix at maximum **100mm from the corners**, and at maximum **195mm centres**.

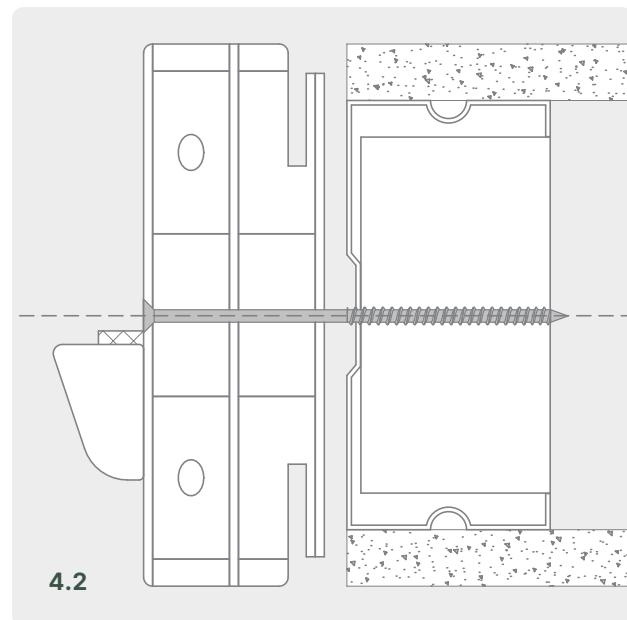


All screws to sit flush.

70mm maximum screw length for door frame.



4.1



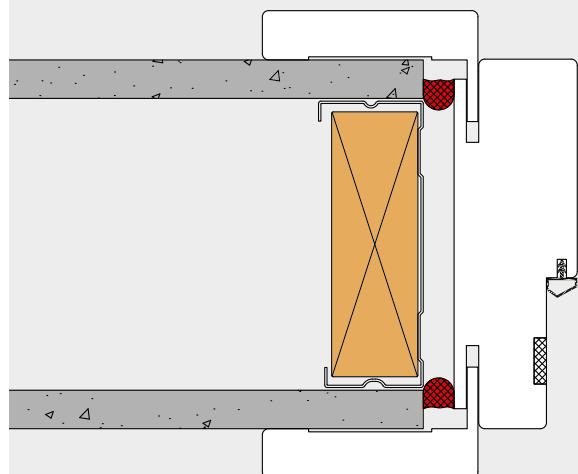
4.2

5. Fire stopping

1-10mm gaps

Gap must be sealed on both sides with a 10mm penetration to the full width of the gap with acrylic intumescent sealant, fire tested for this application to BS 476: Part 22:1987 or BS EN 1634-1.

Timber architraves may be fitted to one or both faces (5.1).



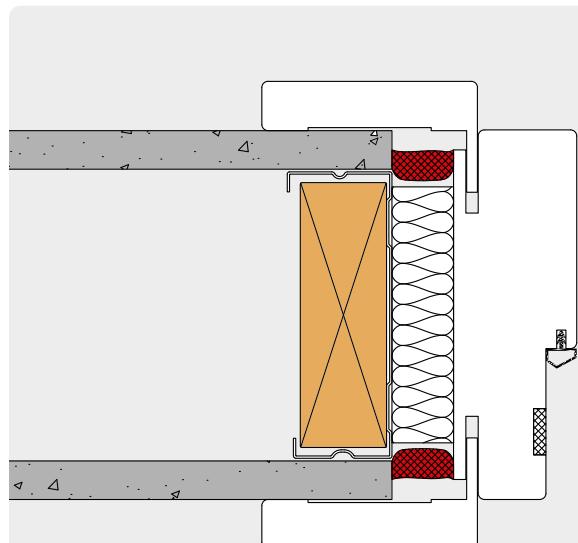
5.1

10-20mm gaps

Gap must be tightly packed with mineral fibre capped on both sides with a 10mm depth of acrylic intumescent mastic, (Fire tested for this application to BS 476: Part 22: 1987 or BS EN 1634-1).

Alternatively, as tested Nullifire FF197 fire rated PU Foam can be used (Must be full depth of the frame).

Timber architraves may be fitted to one or both faces (5.2).

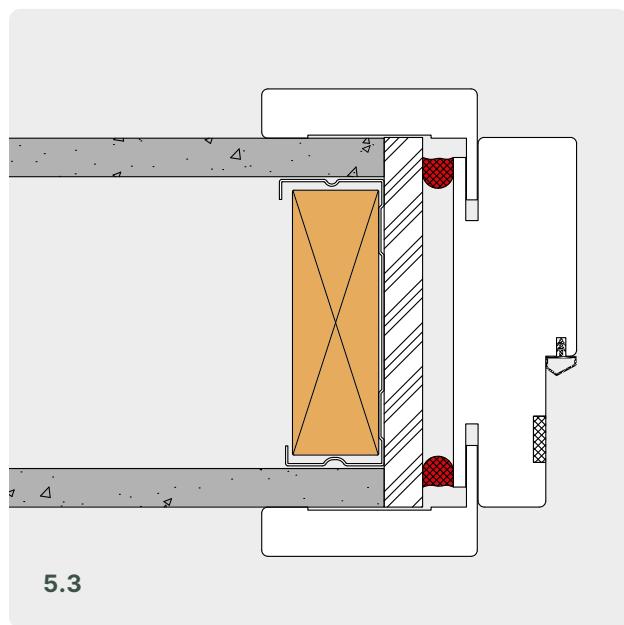


5.2

20mm+ gaps

A non-combustible subframe/liner (up to 40mm thick) should be fixed to the surrounding structure to reduce the gap to below 10mm and then follow the 1-10mm fire stopping procedure.

Timber architraves may be fitted to one or both faces (5.3).



5.3

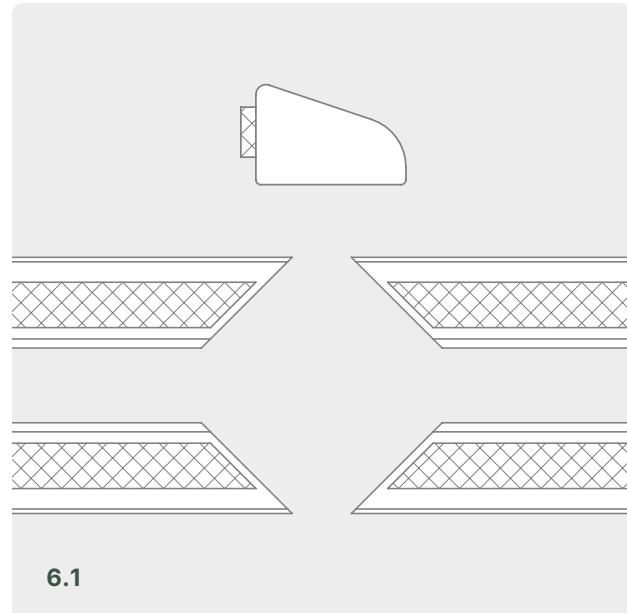
6. Glass installation

With intumescent

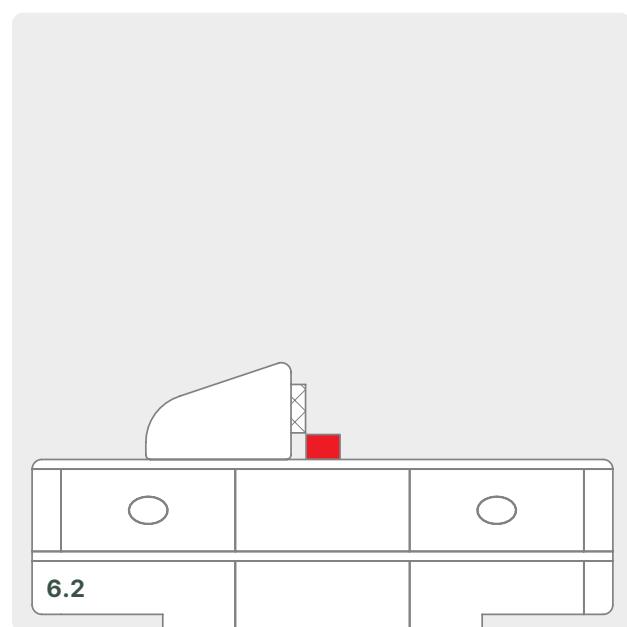
6.1 Stick the pre-cut intumescent strips to the glazing beads. **Ensure all edges align.**

6.2 Place **setting-out blocks** on the **bottom frame**.

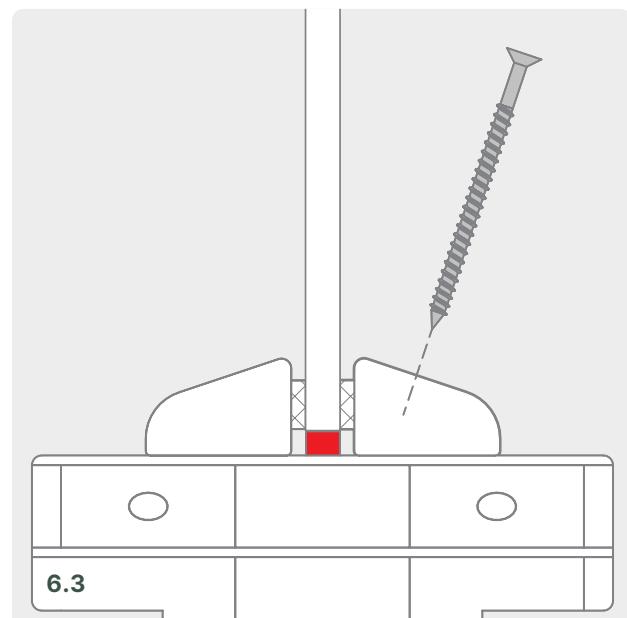
6.3 Place glass on the setting-out blocks. Push the glazing beads tight to the glass and secure using the **3.5 x 45mm screws**.



6.1



6.2

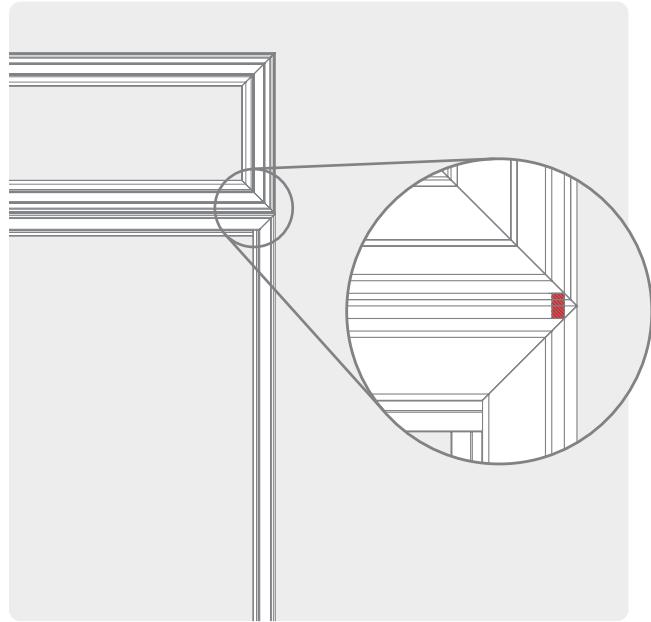


6.3

7. Architrave grooves

Notching

Notch the adjacent architrave grooves (where the glazed over panel abuts the door frame) to allow the vertical architraves to be fitted full height.



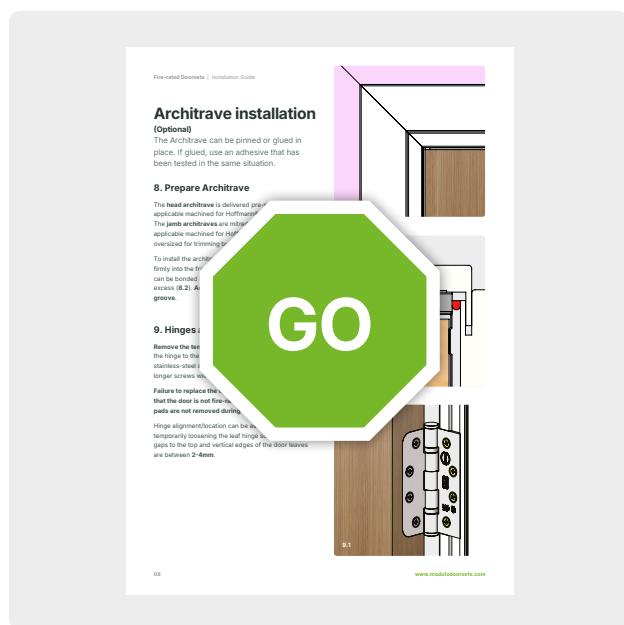
8. Architrave installation

Continue the installation using the fire rated guide:

SEL-PRT-02740 Modulo - Fire Rated Installation Guide



START back at Step 8.



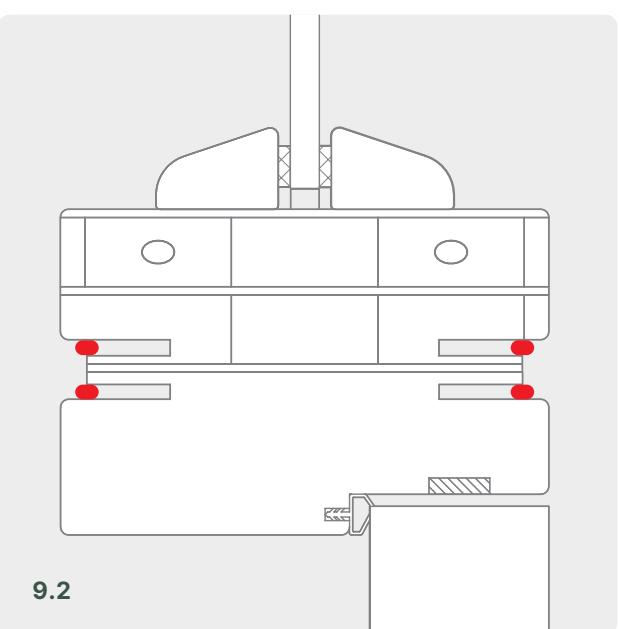
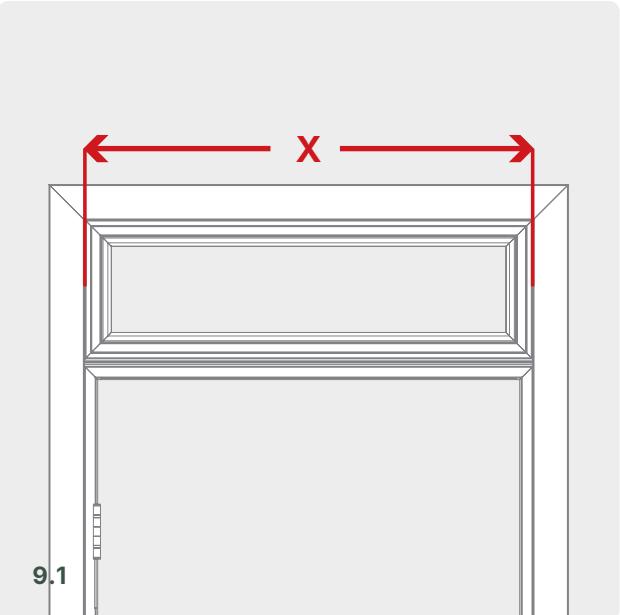
9. Capping

Finishing trim

9.1 Measure distance between the architraves and cut two capping pieces to this length.

9.2 Run a bead of acrylic intumescent sealant into the architrave slots.

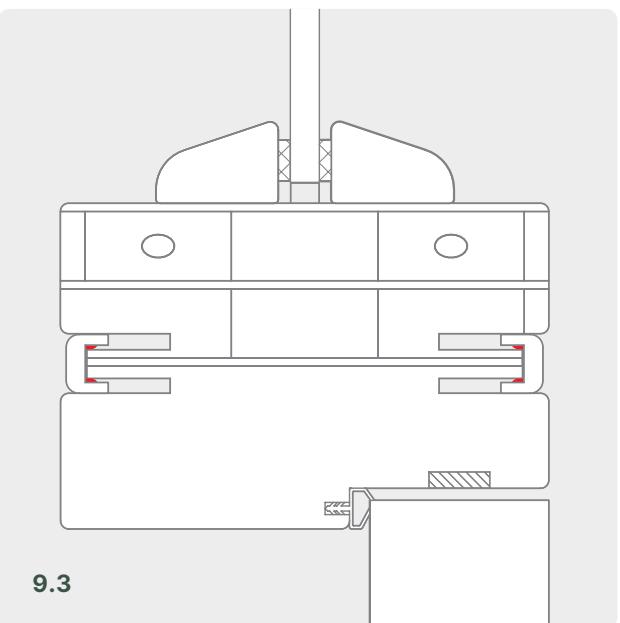
9.3 Tap fit the capping trims into the architrave slots.



10. Finishing

And protection

! Do not paint over fire labeling / fire plugs.
Suitable for internal use only.



Side panel installation

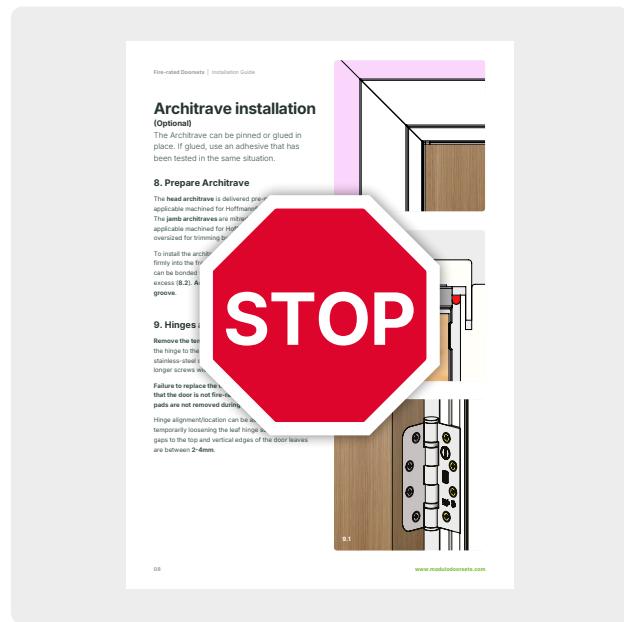
The side panel is installed after the doorset.

1. Doorset installation

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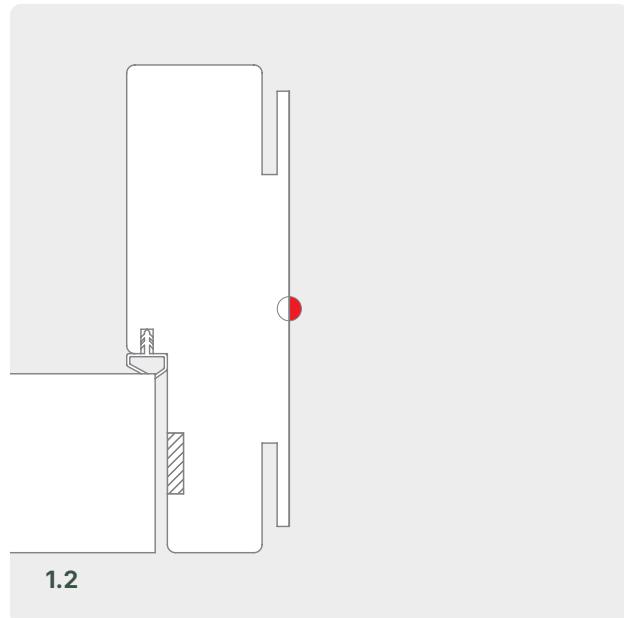


STOP at Step 8.



2. Intumescent mastic

Apply a continuous bead of **acrylic intumescent sealant** to the **back of the door frame**.

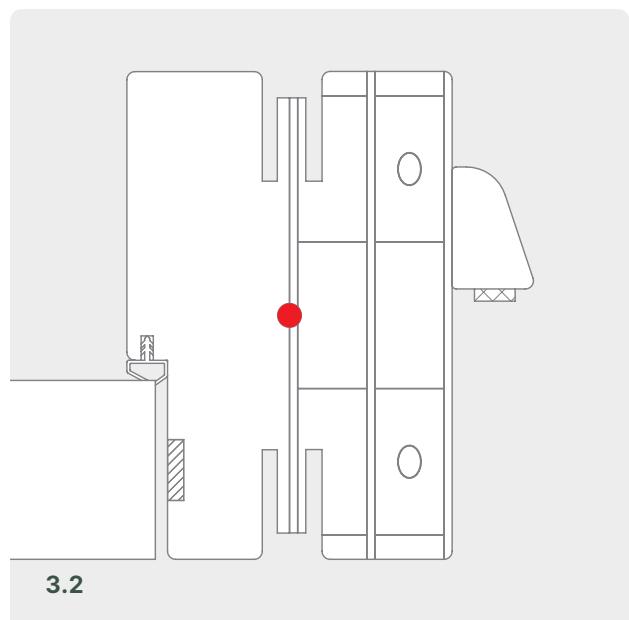
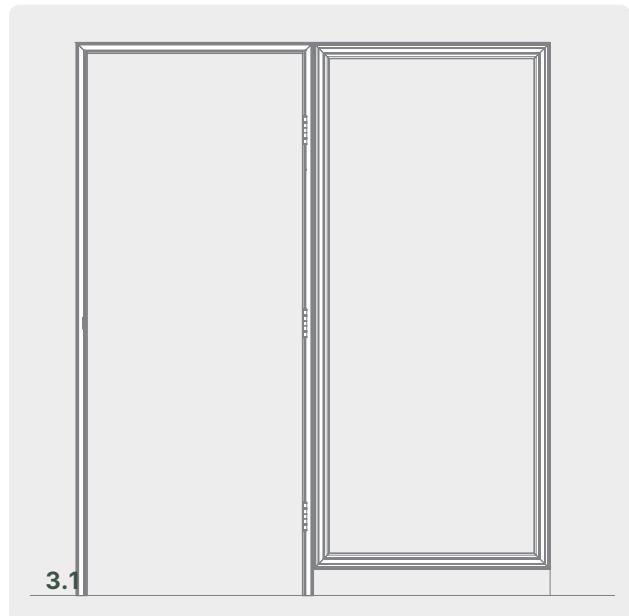


3. Frame to frame

Place the frames together

3.1 Place the **side panel** frame beside the **door frame**.

3.2 Make sure there is **no gap** between the frames.



4. Fix side panel to frame

Using countersunk steel wood screws

4.1 Fit the glazed side panel frame to the **door frame** using **70mm countersunk steel wood screws** (x5).

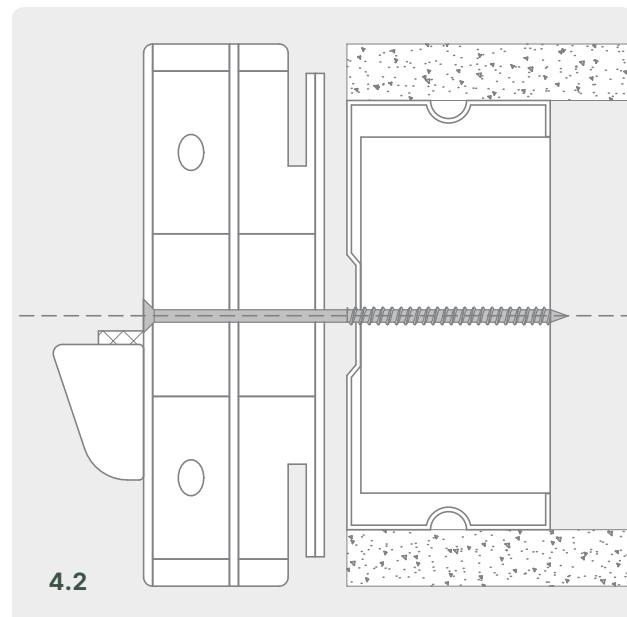
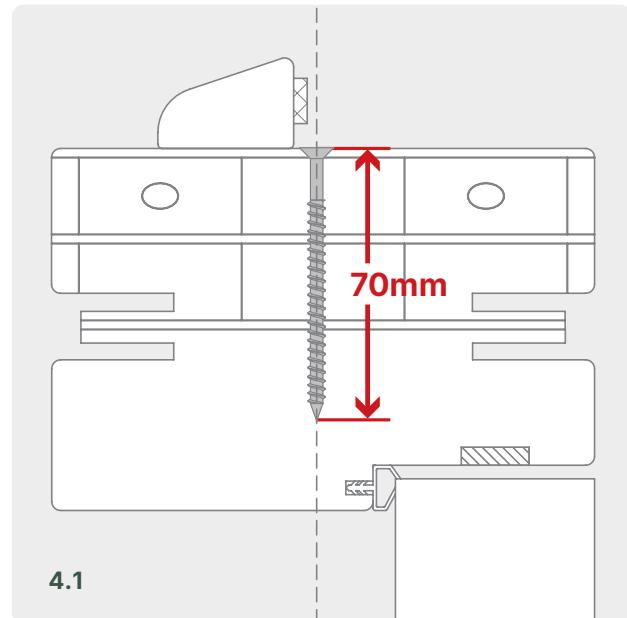
4.2 Fit glazed side panel frame to the **structural opening** using appropriate length **countersunk steel wood screws** to penetrate the studd as shown.

Fix at maximum **100mm from the corners**, and at maximum **195mm centres**.



All screws to sit flush.

70mm maximum screw length for door frame.

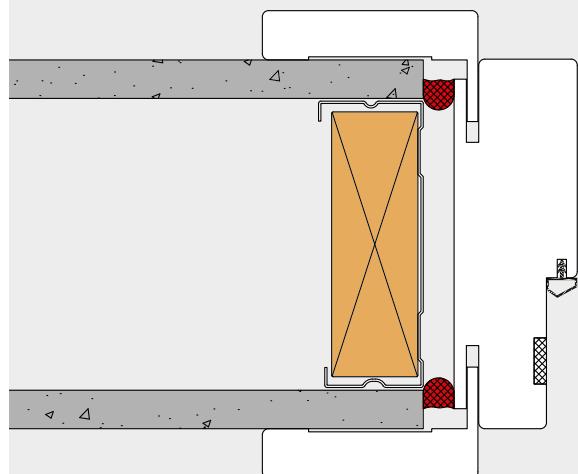


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Timber architraves may be fitted to one or both faces (5.1).



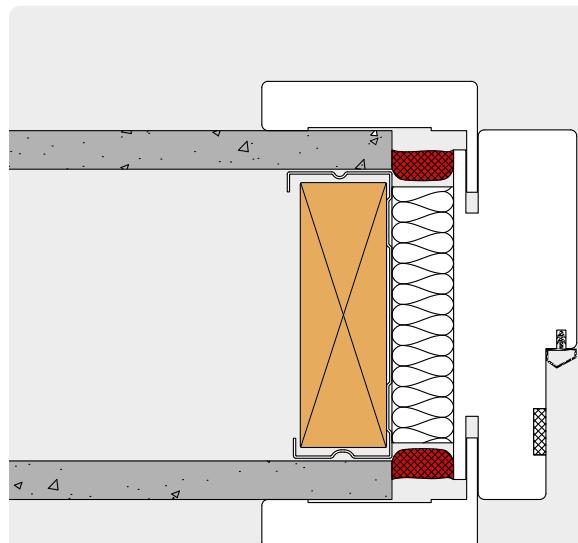
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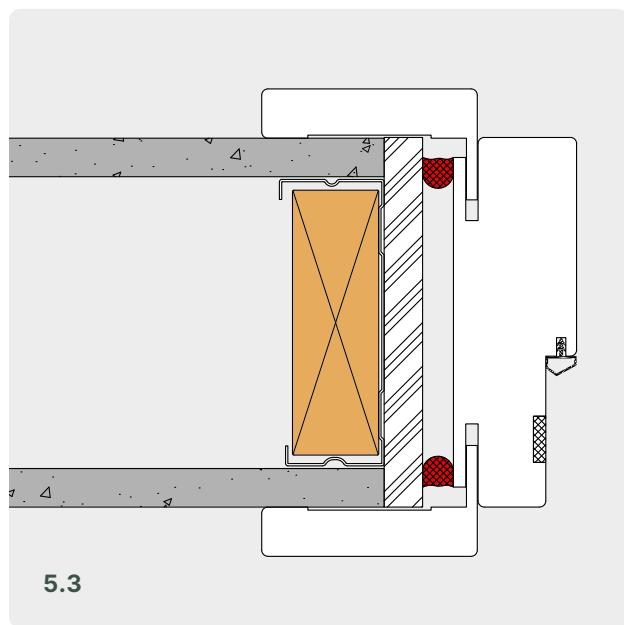


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5.3

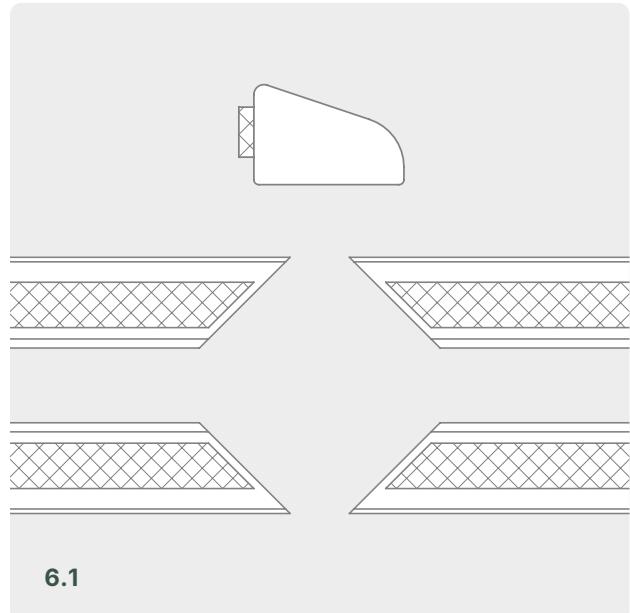
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With intumescent

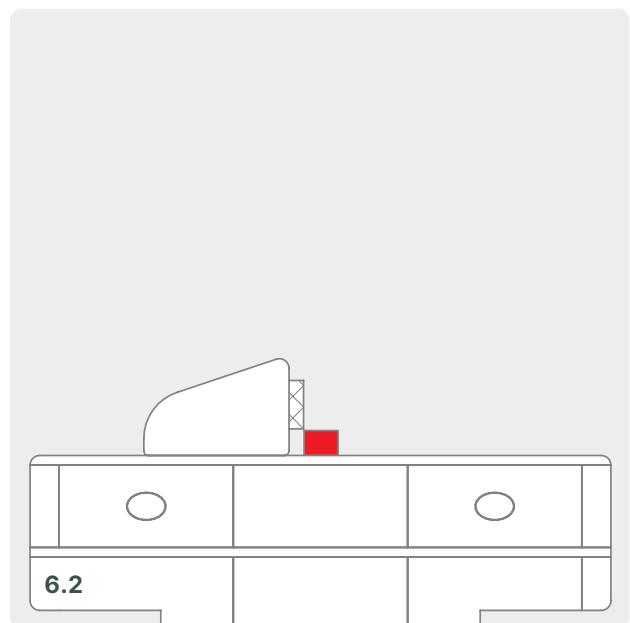
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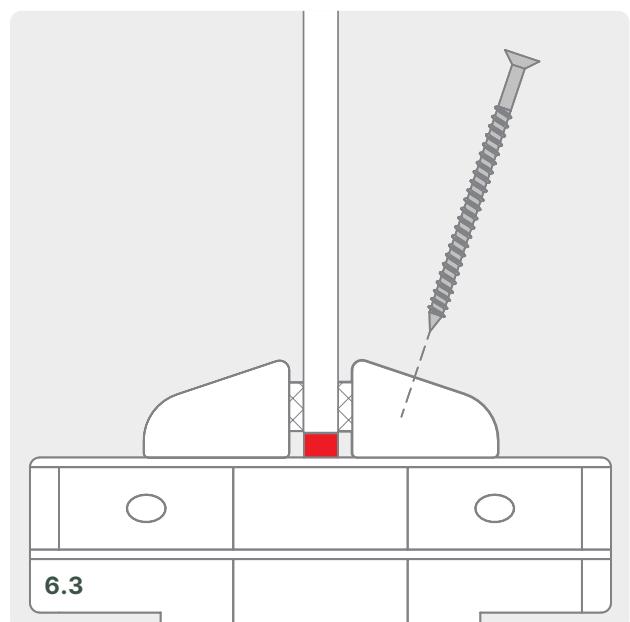
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6.1



6.2

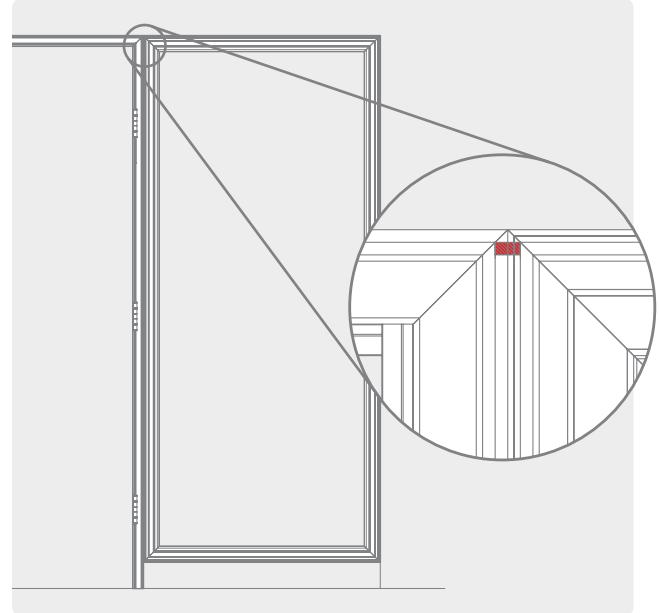


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Notching

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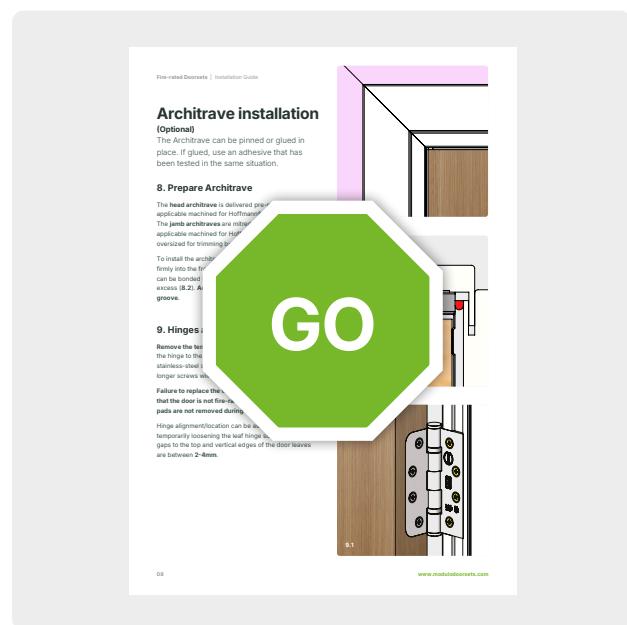


8. Architrave installation

Continue the installation using the fire rated guide:
SEL-PRT-02740 Modulo - Fire Rated Installation Guide



START back at Step 8.



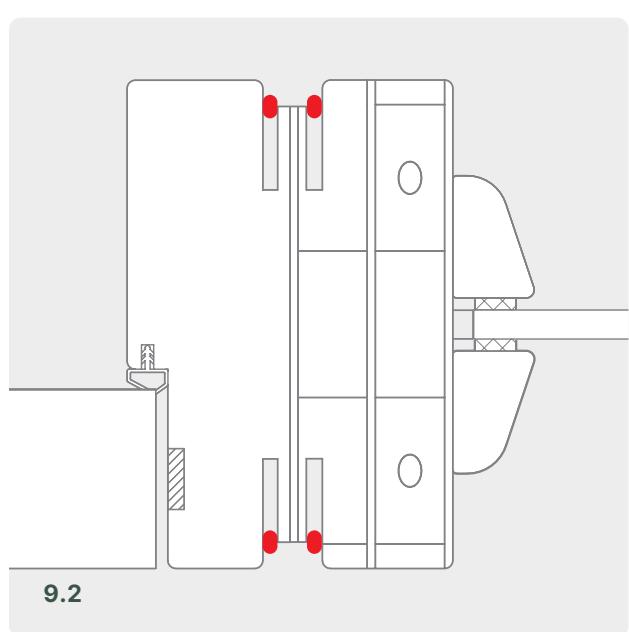
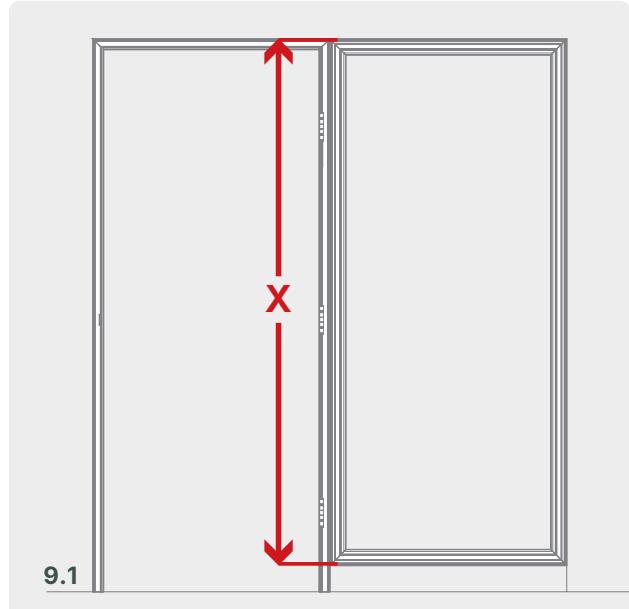
9. Capping

Finishing trim

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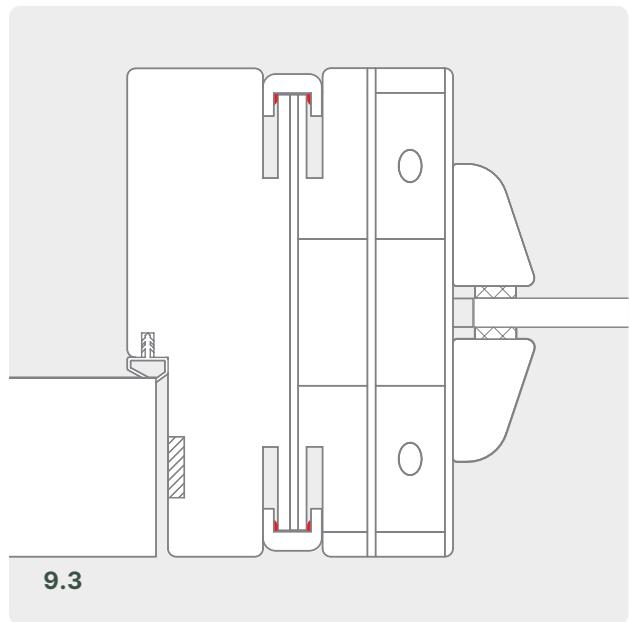
9.3 Tap fit the capping trims into the architrave slots.



10. Finishing

And protection

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Suitable for internal use only.





INNOVATION BY SELO.

Installation support **020 3880 0339**

Email support@modulodoorsets.com

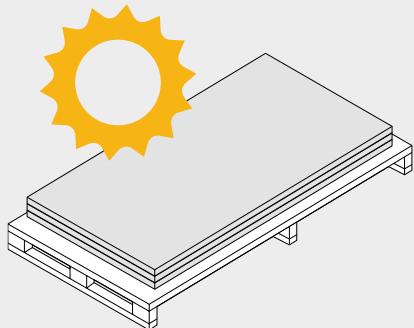
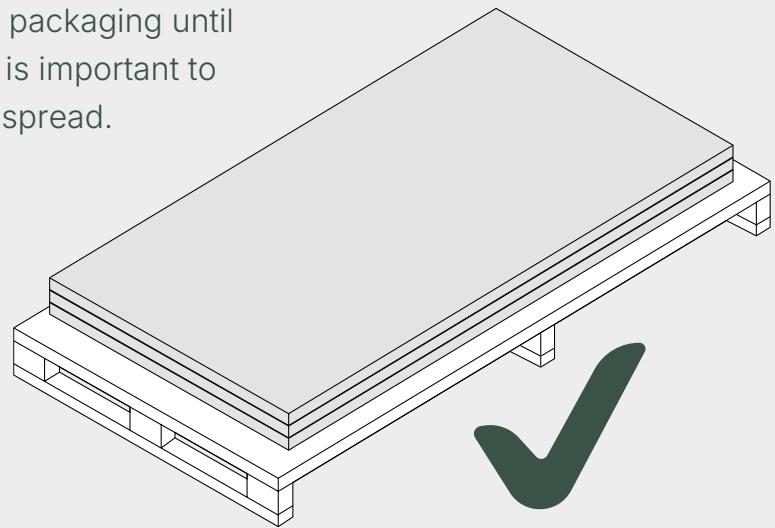


Storage requirements

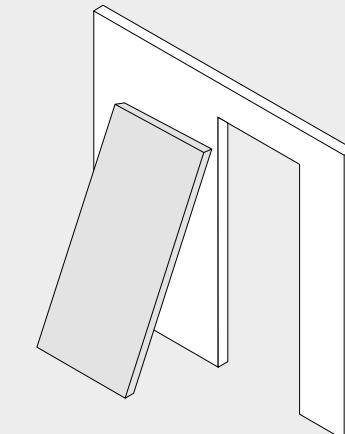
All components are provided in protective packaging for transit, they may be stored in their transit packaging until ready for installation. Once unwrapped it is important to lay components flat with the load evenly spread.

**Always lay the doors FLAT
with the load spread evenly.**

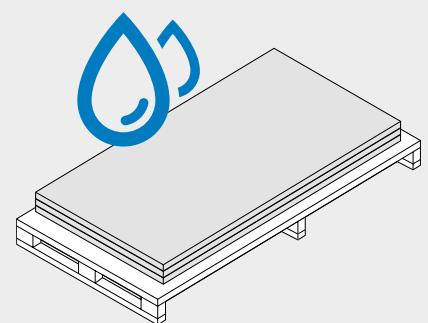
**Incorrect storage could
result in your doors warping,
twisting or bowing.**



X Avoid excessive
temperatures



X DO NOT leave doors
leant against wall



X Avoid moisture and damp
environments

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Modulo Doorsets reserve the right to alter specification and designs without prior notice.