

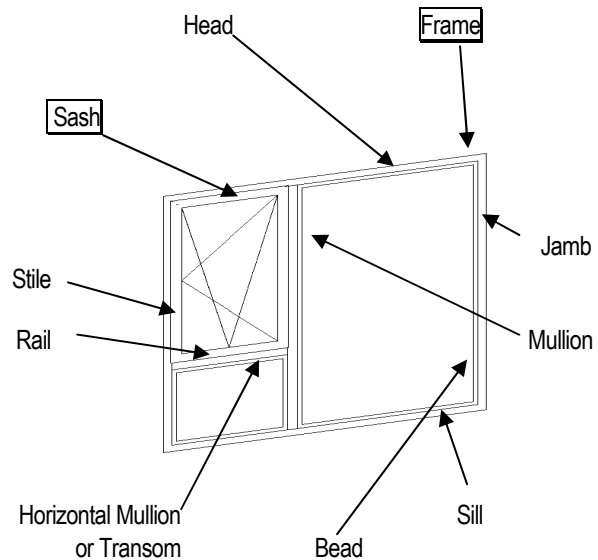
## Terminology, Cross Sections & Profiles

### Frame

The fixed parts of the window or door. The frame includes the head jambs, sill and mullions. The frame does not include the sash.

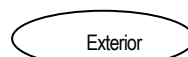
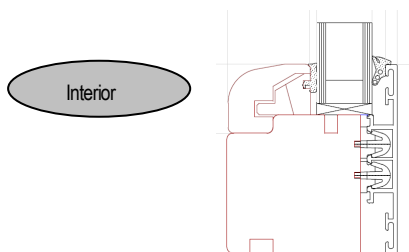
### Sash

The moveable part of the window or Door. The sash includes the top and bottom Rails, and the left & right stiles.



## 1. Picture Window - Fixed Glass

The same profile is used for head, jambs & sill.



See drawing "Fixed Glass" on the following page



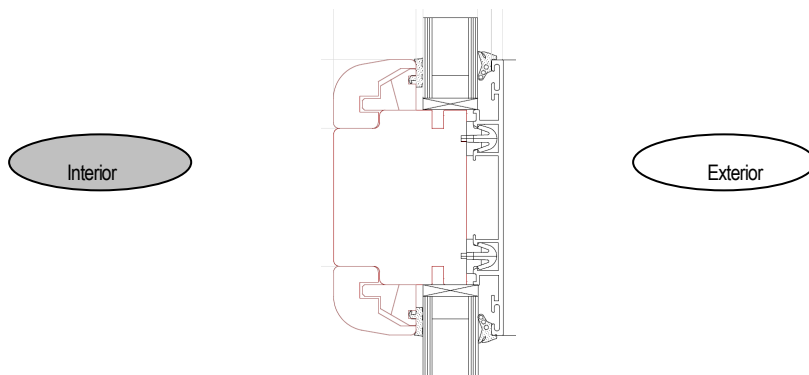
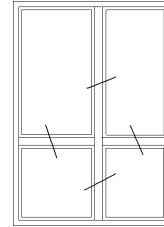
## 2. Picture Window with Mullions -Dual Fixed Glass

The same profile can be used for either vertical mullions or transoms.

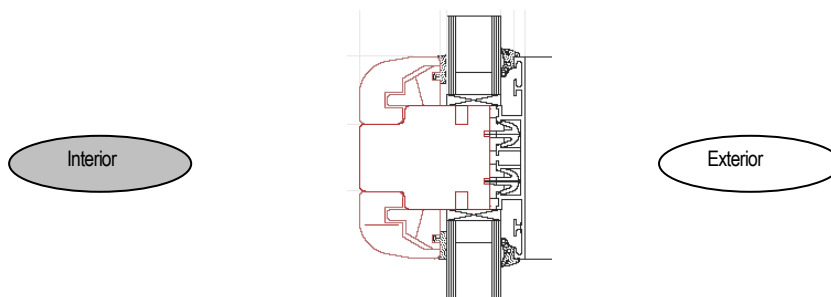
There are 2 width options as per the pictures below.

The narrower option will be used in most cases, unless

- the wider option is required to match where there are 2 sashes on either side.



See drawing "Dual Fixed Glass" on the following page

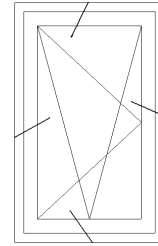
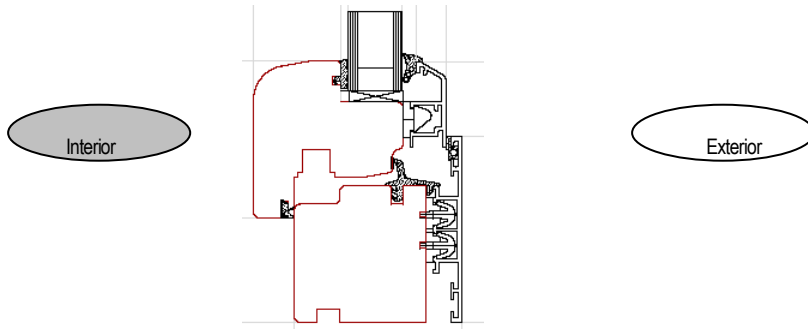


See drawing "Dual Fixed Glass Small Mullion"



### 3. Tilt Turn Window or Door -69mm Sash & Frame

The same profile can be used for head, jambs & sill



See drawing “69mm Sash and Frame (Standard)” on following page

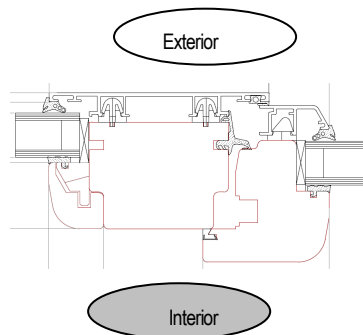
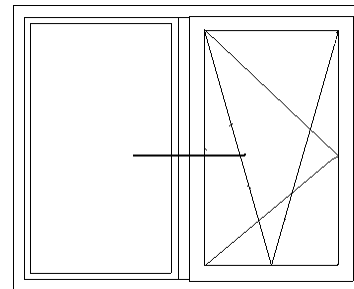
### 4. Window or Door Sash beside a Picture Window -69mm Sash and fixed glass

The same profile can be used for either vertically or Horizontally.

There are 2 width options as for dual fixed glass above.

- The narrower option will be used in most cases, unless
- the wider option is required to match where there are 2 sashes on either side.
  - The sash needs to be hinged on the mullion.

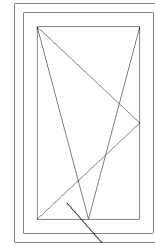
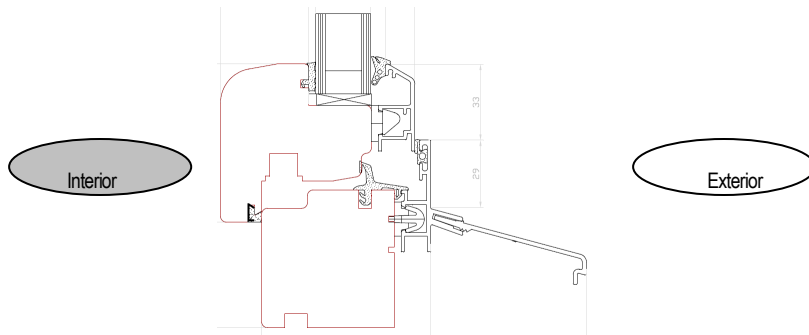
Note the wider option only, is pictured below.



See drawing “69mm Sash and Fixed Glass”

## 5. Tilt Turn Window or Door -69mm Sash & Frame (alternate sill)

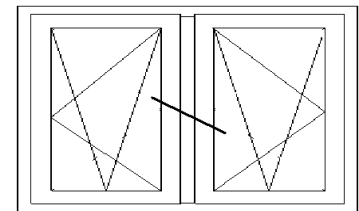
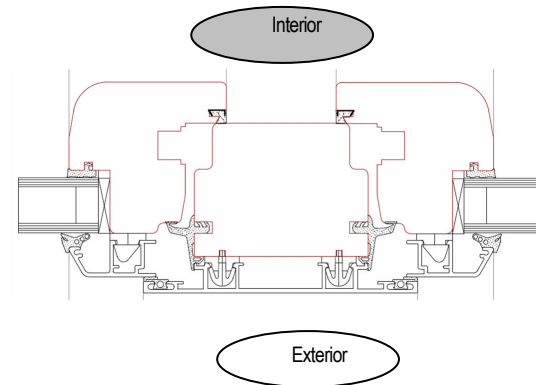
An alternate profile for the sill only



See drawing “69mm Sash and Frame (alt sill)” on following page

## 6. Dual Sash Window -Dual 69mm Sash

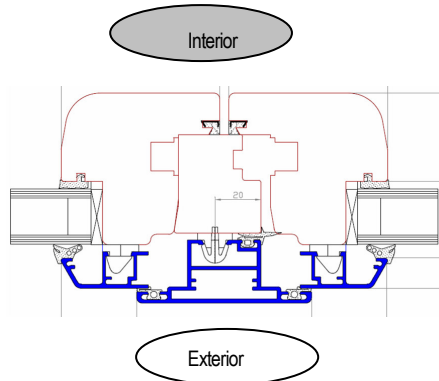
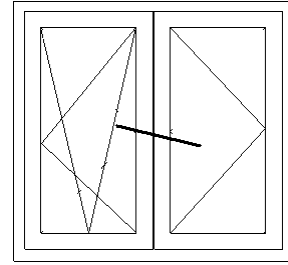
When both windows need opened independently or require Turn & tilt option, a fixed mullion is required between sashes. Then, the only option for mullion width, is the wider version, as pictured below.



See drawing “Dual 69mm Sash”

## 7. Dual Sash French Window or Door -French Mullion

When both sashes open, with no fixed mullion, only one sash is able to both tilt & turn. The other sash will only turn.



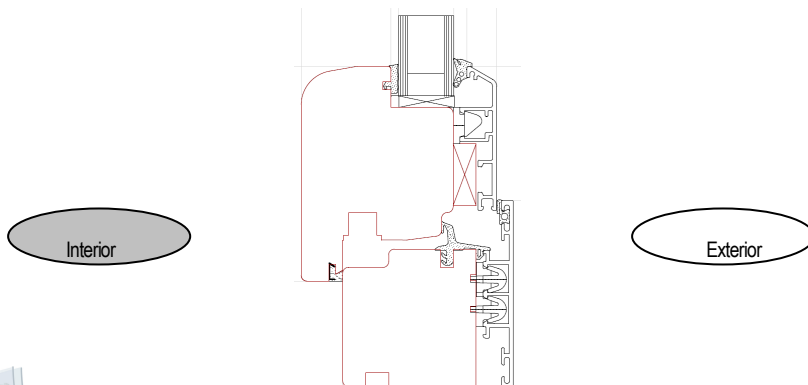
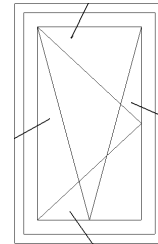
See drawing "French Mullion" on following page

## 8. Doors requiring External Handles -94mm or 117mm sash & Frame

All doors can be made with the standard 69mm sash, in which case handles are only fixed to the inside, increasing security.

Where external handles and locks are required for main entry doors, a wider sash profile is used as follows.

If required, 94mm sash would be used, but the 117mm sash is an option.

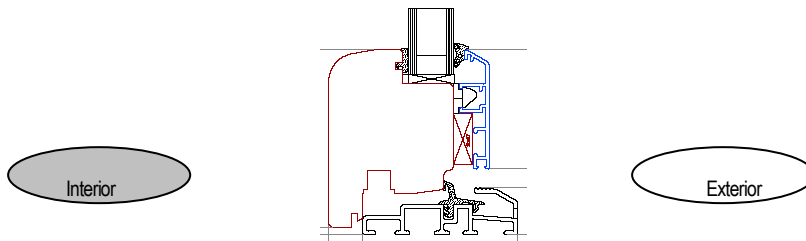
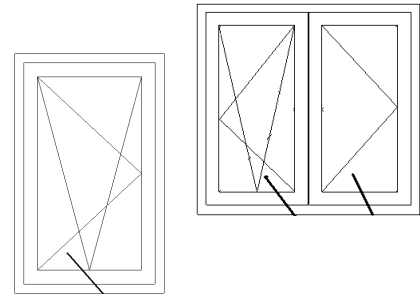


See drawing "94mm & 117mm Sash and Frame"



## 9. Turn & Tilt, or French Doors requiring low sill -

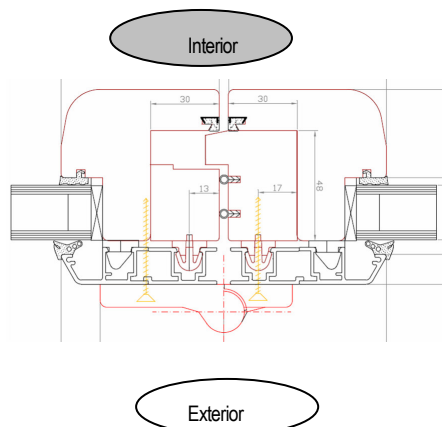
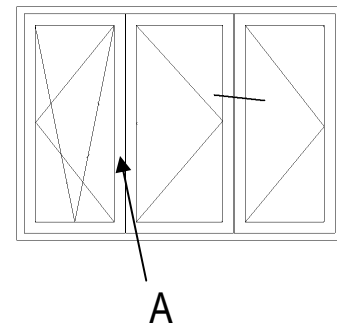
This sill is an option for main entry doors.



See drawing "Door Sill" on following page

## 10. Bifold Doors & Windows -Bi-fold

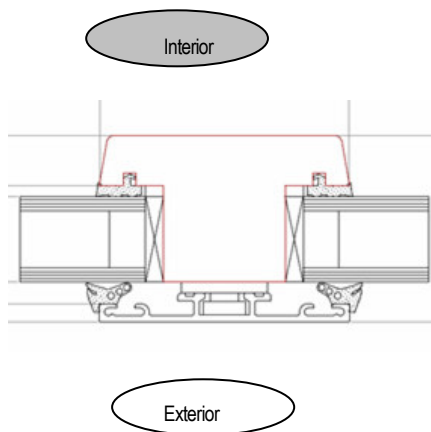
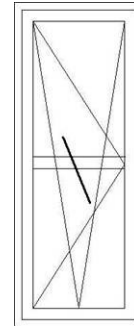
- The following profile fits in the vertical stiles of the folding sashes.
- At point 'A', the "Non fixed mullion" profile (as above) is used.
- Drawings provided show standard 69mm sash, but if external handles required, the 94mm sash is used, as per doors above.



See drawing "Bifold"

## 11. Glass dividing Bar for Sash --Dividing Bar

The glass dividing bar, fits within sash, and will match the Small mullion fitted into sidelights, or adjoining picture windows.



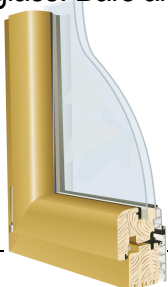
See drawing "Dividing Bar" on following page

## 12. -Fly Screen Details

Drawings follow, which show the frame profiles for a fly screen option, which can be hinged to the outside of the frame.

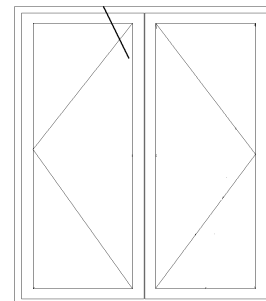
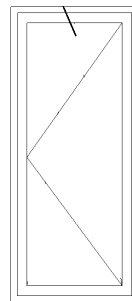
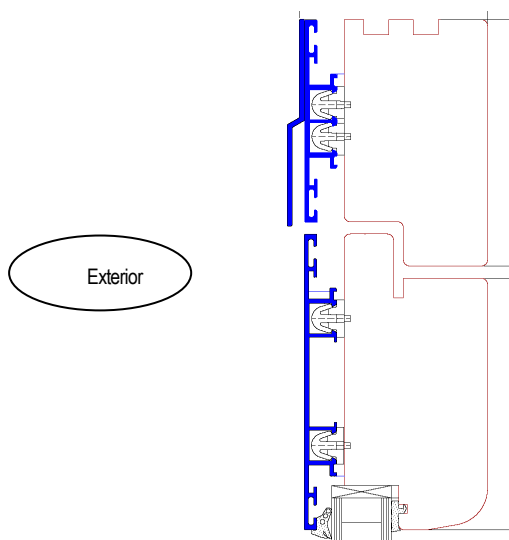
## 13. Colonial Bars

These can be provided, with the wooden internal profile, and aluminium external profile taped to the glass. Bars are also fitted within the double glazing unit.

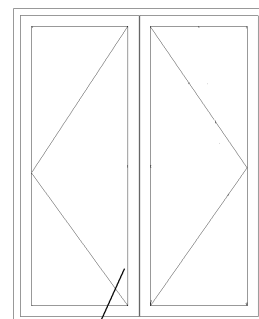
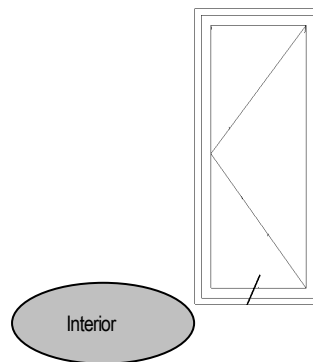
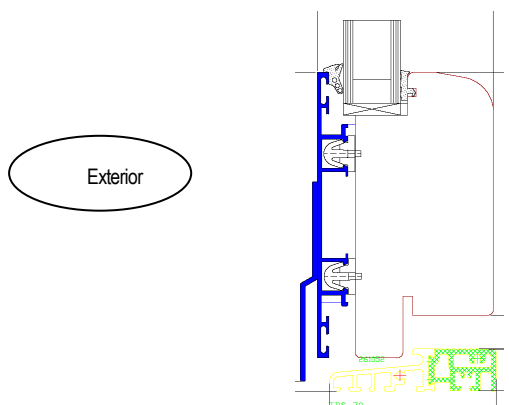


## 14. Outward Opening Single or French Door

With an outward opening door, the tilt option is not available.  
Outward opening only available as a single or French door.



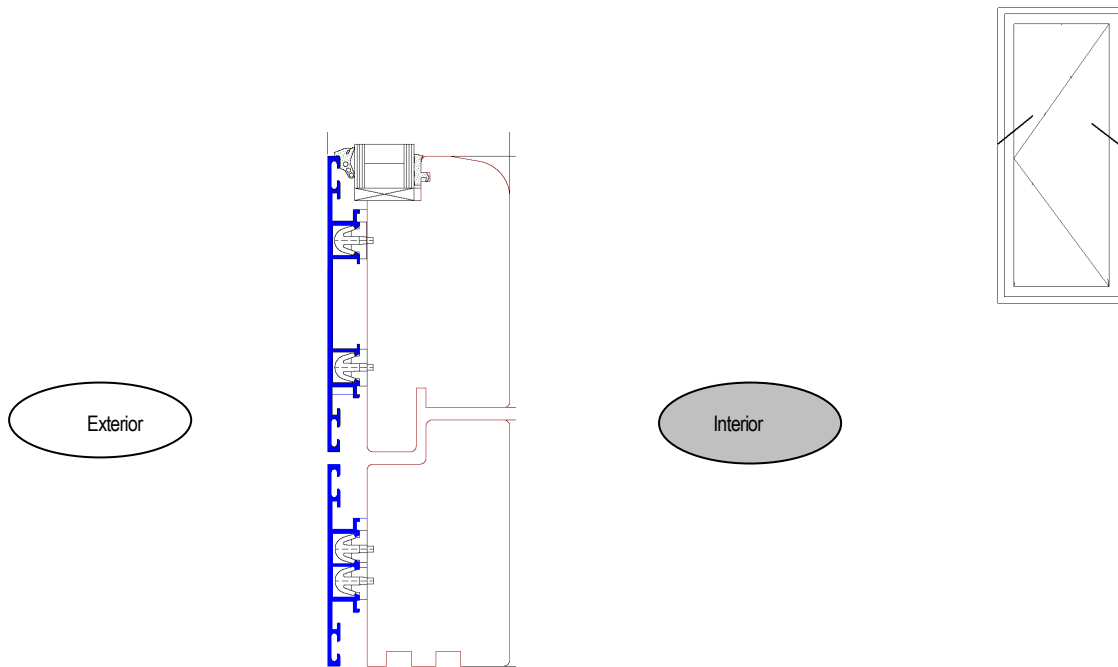
See drawing "Outward Opening Head" on following page



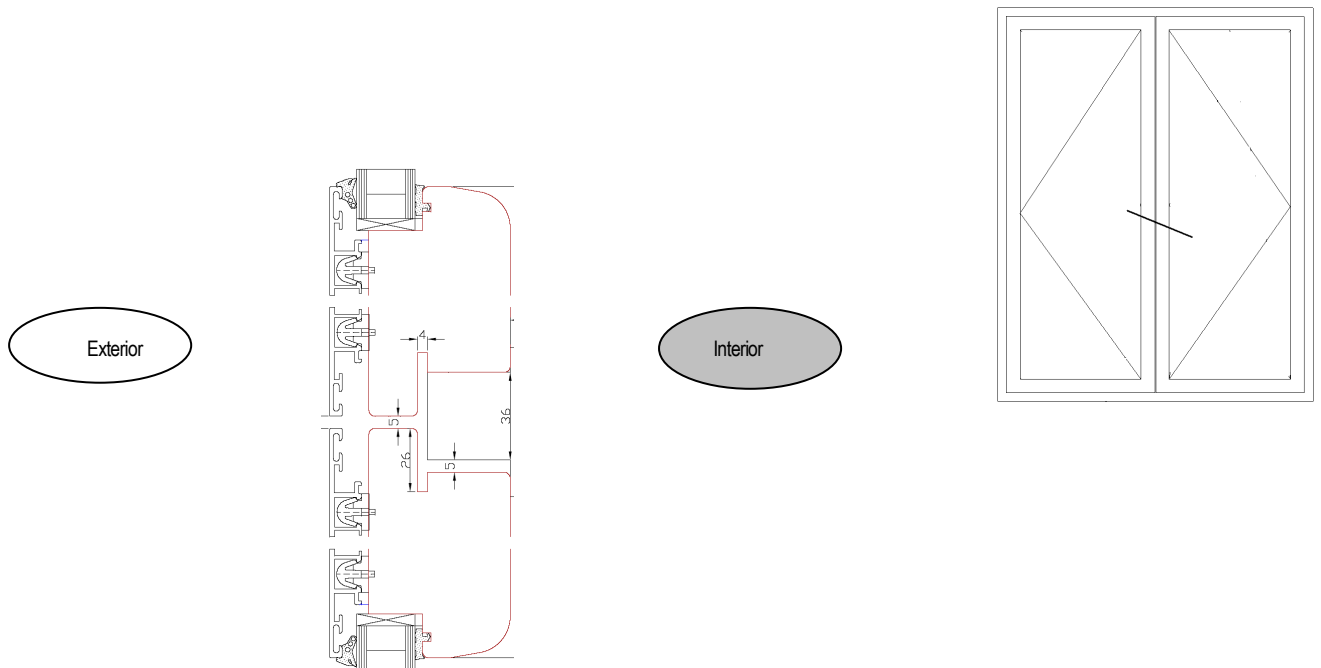
See drawing "Outward Opening Sill"







See drawing "Outward Opening Jambs" on following page

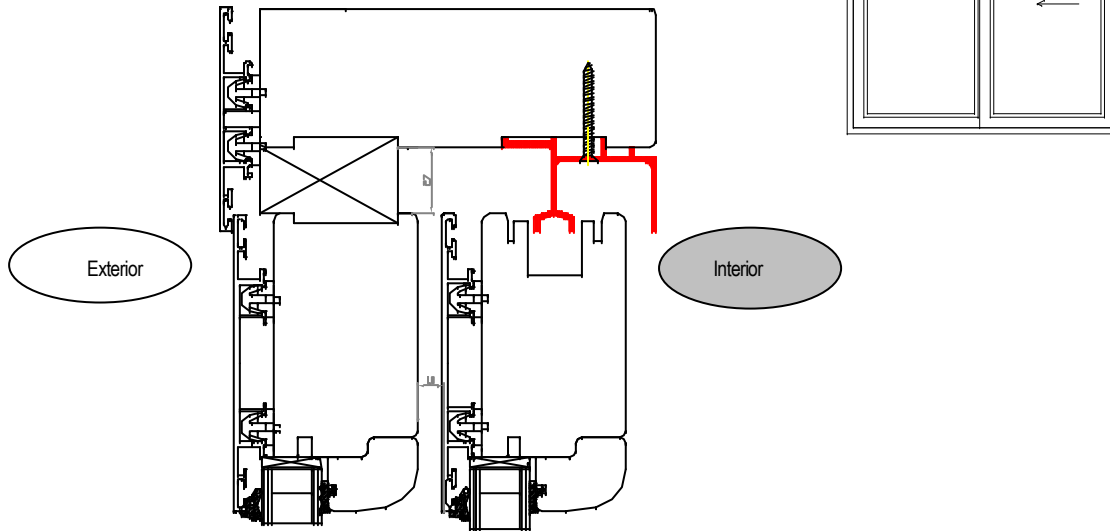


See drawing "Outward Opening Door – non fixed mullion"

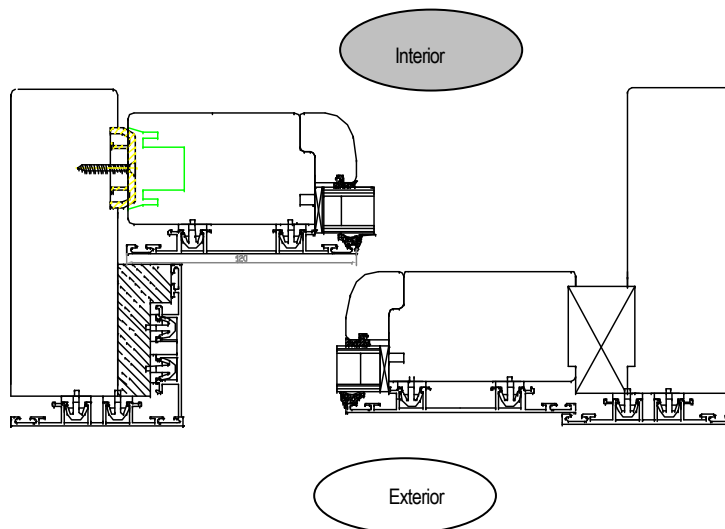


## 15. Lift & Slide Door

With a lift & slide door, the tilt option is not available.



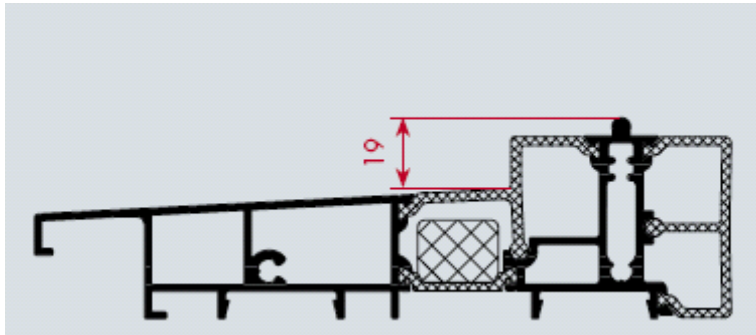
See drawing "Lift & Slide Head" on following page



See drawing "Lift & Slide Jamb" on following page



## 15. Lift & Slide Door (cont)



Threshold for Lift & Slide Door

