



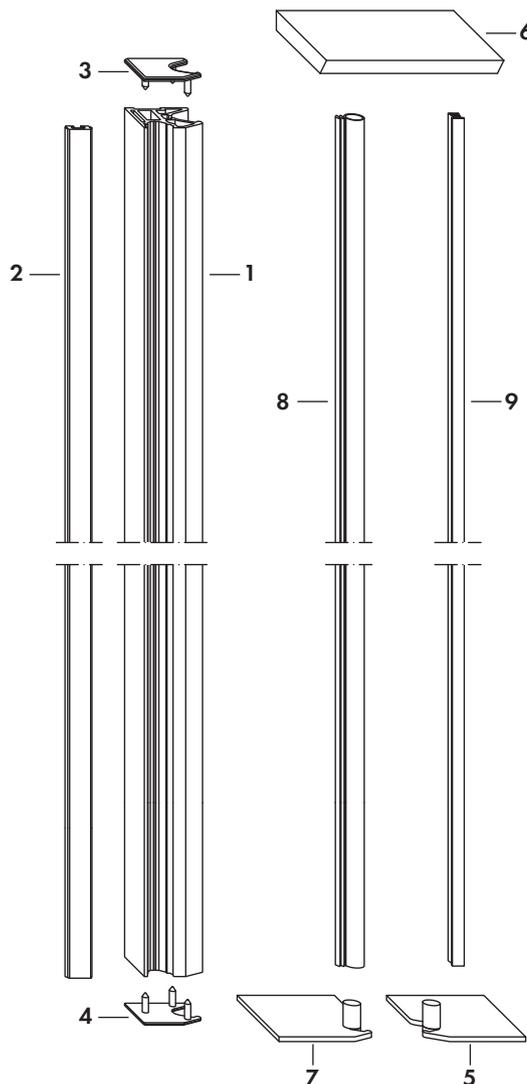
**HS**

# **PORTAL**

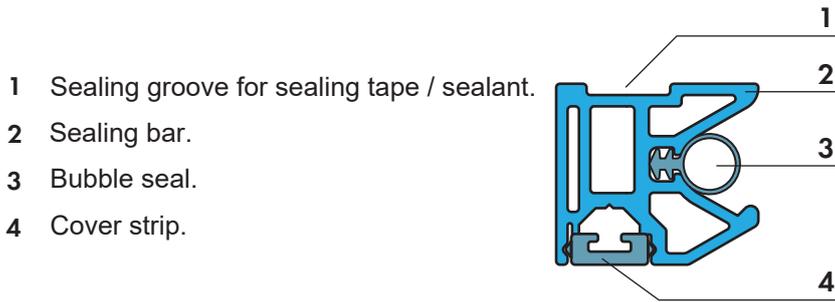
**LIFT & SLIDE**

**Sealing Rail C28/48  
For use in wooden doors**

Fittings

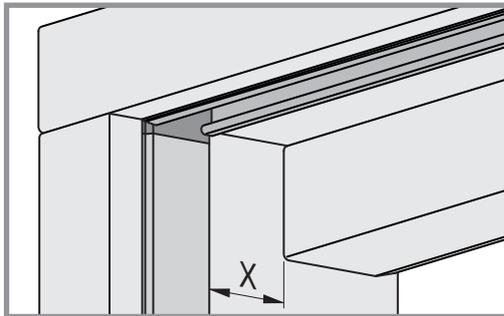


| Pos. | Piece | Description   | Number                  |                                    |                                    |
|------|-------|---|-------------------------|------------------------------------|------------------------------------|
|      |       |   | White RAL 9003          | Light Grey RAL 7035                | Black RAL 9005                     |
|      | 1     | Set Sealing Rail C 28/48  |                         |                                    |                                    |
|      |       |   | Size                    |                                    |                                    |
|      |       |   | 270                     | PMZB1020-02101_                    | PMZB1020-02301_                    |
|      |       |   | 350                     | PMZB1010-00201_                    | PMZB1010-02301_                    |
|      |       |   | 700                     | PMZB1000-00201_                    | PMZB1000-02301_                    |
| 1    | 2     | Sealing Rail C 28/48  |                         |                                    |                                    |
| 2    | 2     | Capping   |                         |                                    |                                    |
|      | 1     | <b>Accessories Sealing Rail C 28/48 - Right Hand Moving Sash (viewed from inside)</b> | PMZB1101-00201_         | PMZB1101-02101_                    | PMZB1101-02301_                    |
| 3    | 2     | End cap right   |                         |                                    |                                    |
| 4    | 2     | End cap left  |                         |                                    |                                    |
| 5    | 2     | Sealing part at the bottom right of sealing rail                                      |                         |                                    |                                    |
| 6    | 1     | Sealing part jamb   |                         |                                    |                                    |
|      | 1     | <b>Accessories Sealing Rail C 28/48 - Left Hand Moving Sash (viewed from inside)</b>  | PMZB1102-00201_         | PMZB1102-02101_                    | PMZB1102-02301_                    |
| 3    | 2     | End cap right   |                         |                                    |                                    |
| 4    | 2     | End cap left  |                         |                                    |                                    |
| 7    | 2     | Sealing part at the bottom left of sealing rail                                       |                         |                                    |                                    |
| 6    | 1     | Sealing part jamb   |                         |                                    |                                    |
| 8    | 1     | Bubble Seal Ø8  | Length<br>15 m<br>100 m | PDPB0500-09601_<br>PDPB0510-09601_ | PDPB0500-09901_<br>PDPB0510-09901_ |
| 9    | 1     | Brush Seal 11 mm  | Length<br>7 m<br>100 m  | PDPB0610-09701_<br>PDPB0600-09701_ |                                    |

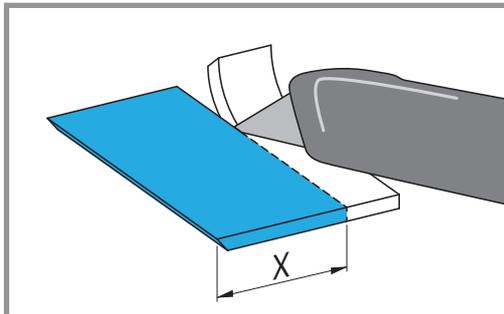


**Fitting to frame.**

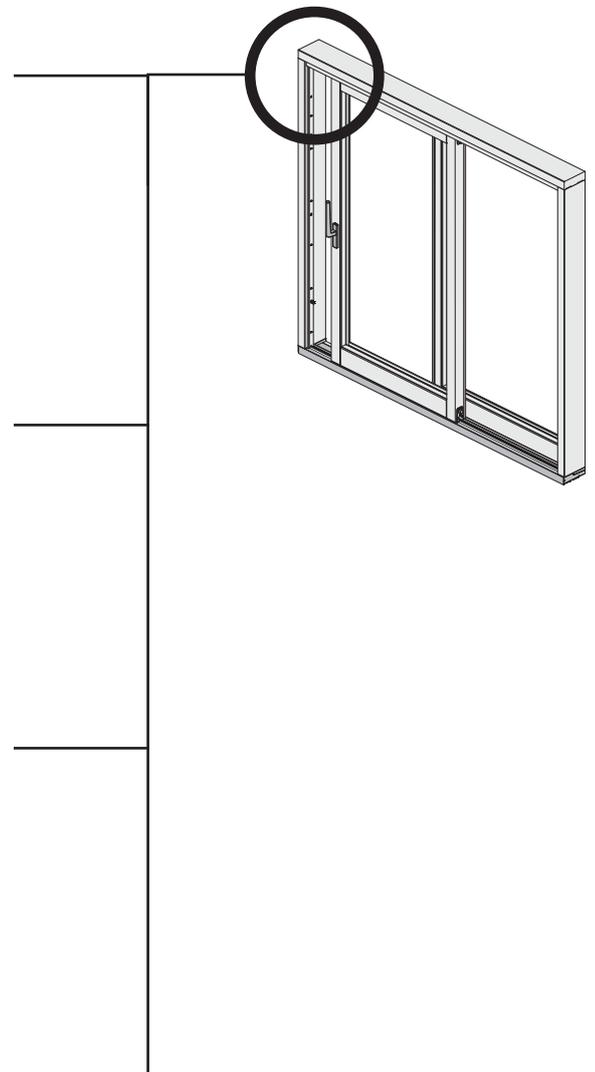
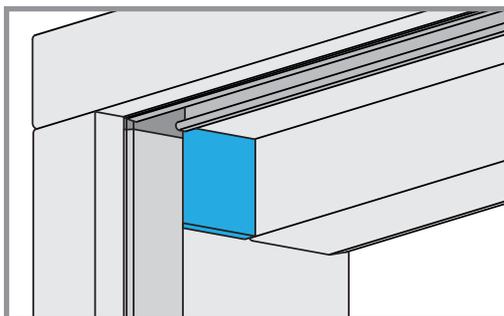
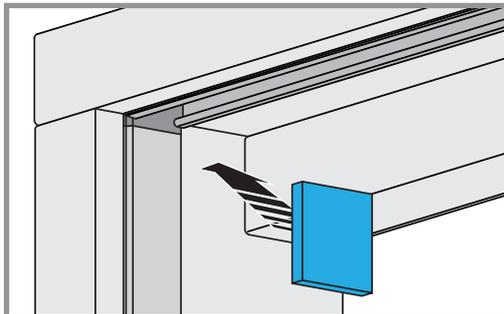
Measure the distance X.



Cut sealing part according to width required.



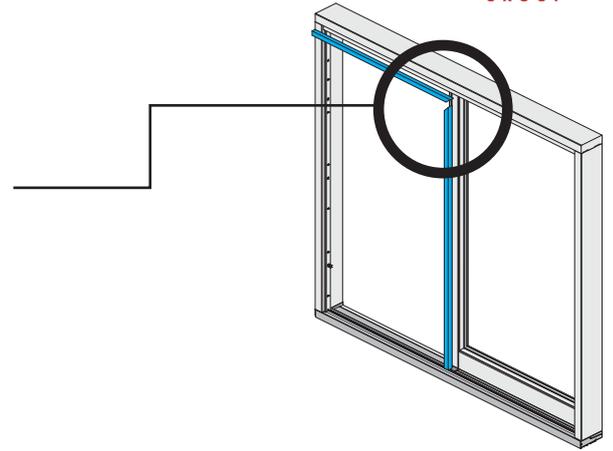
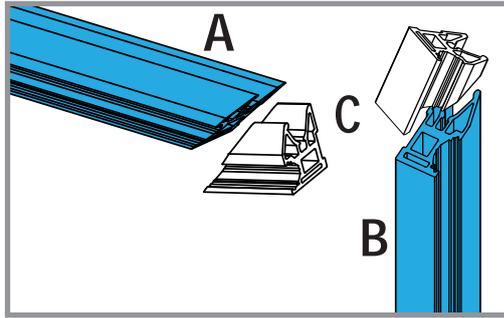
Remove tape and mount sealing part.



## Cutting the sealing rail.

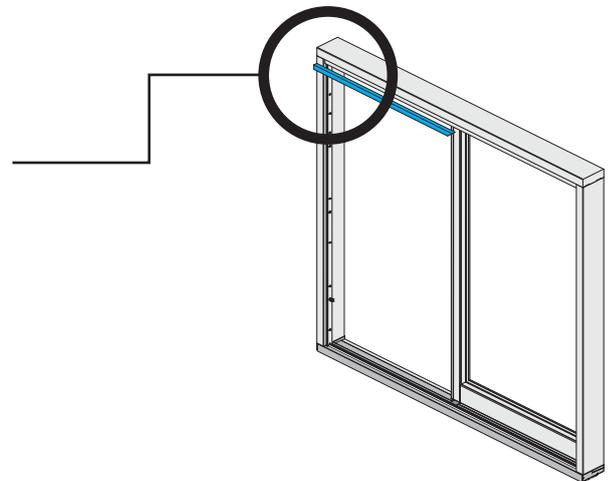
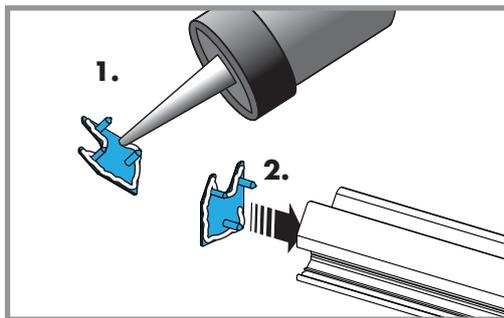
Sealing rail needs to be mitered as shown.

- A - Horizontal sealing rail
- B - Vertical sealing rail
- C - Waste Parts

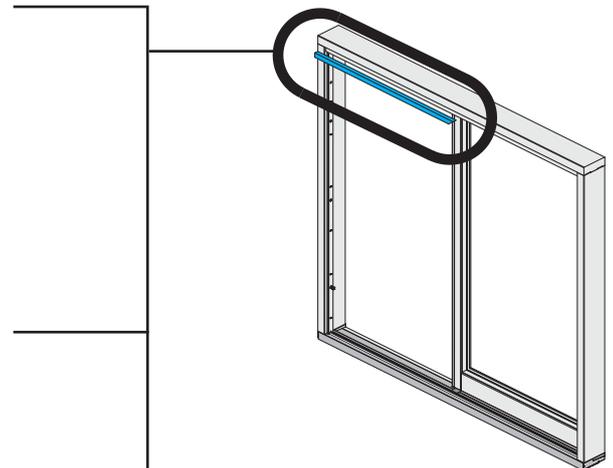
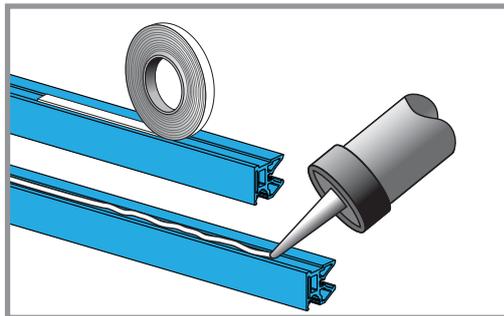


## Fasten sealing rail - Horizontal.

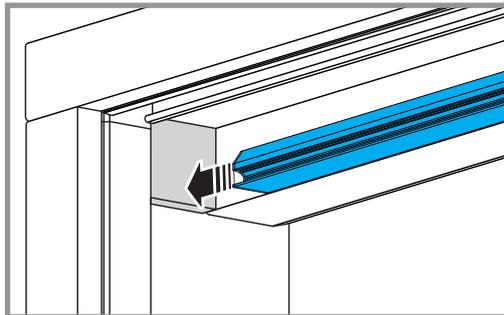
- 1 - Apply sealant to cap.
- 2 - Fasten cap to the end of sealing rail.



Sealing rail seal, using double sided tape or sealant.

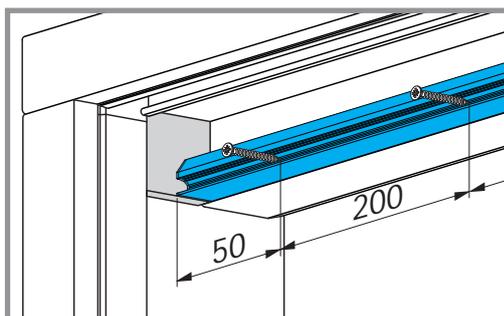


Fix sealing rail using light pressure against the sealing part and the head extension.



Fix sealing rail using screws, 50mm from the end, then each max distance of 200mm between screws.

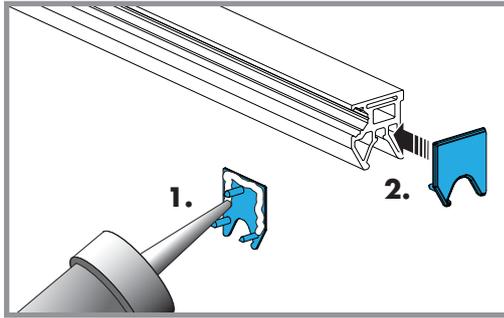
Pre drill the rail before fixing.



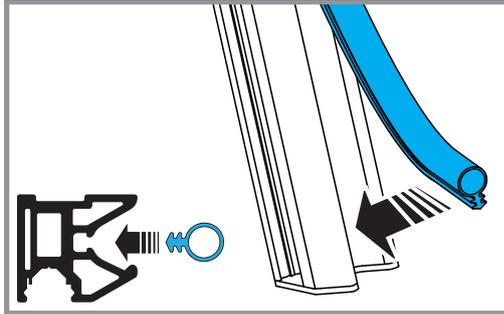
## Fasten sealing rail - Vertical

1 - Apply sealant to cap.

2 - Fasten cap to the end of sealing rail.

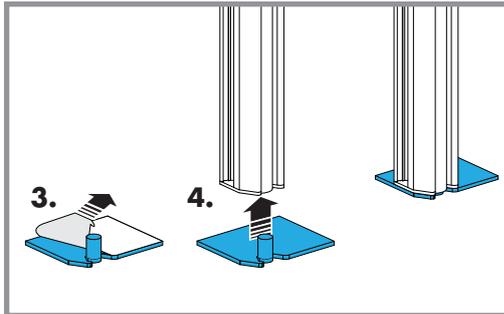


Apply the bubble seal to the groove within the sealing rail and cut to length.

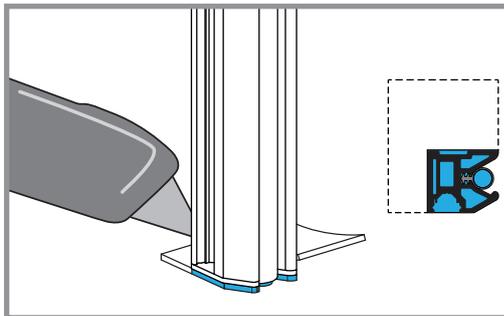


Apply the sealing part to the lower cap.

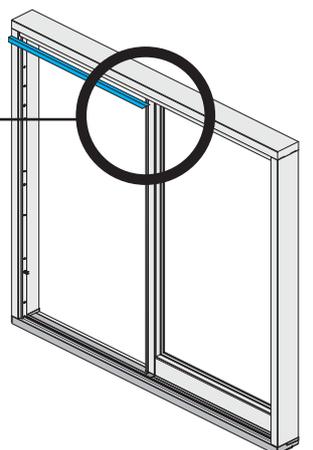
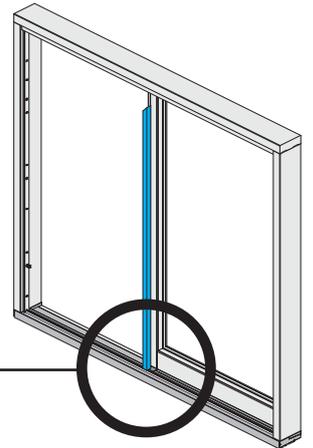
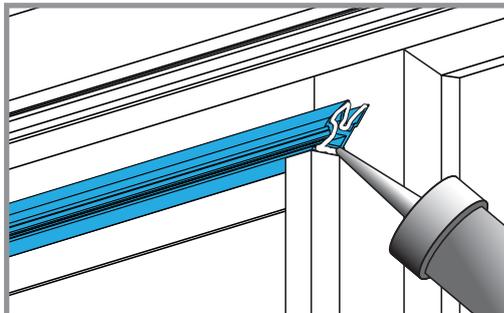
3 - Remove the adhesive protective film.  
4 - Locate the peg into the bubble seal, press lightly to fix in place.



Cut away the excess with a sharp knife to match the sealing rail profile.

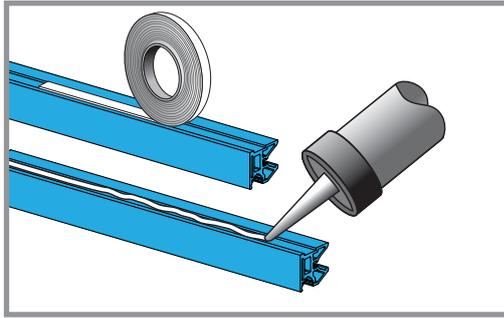


Apply sealant to the horizontal sealing rail miter.

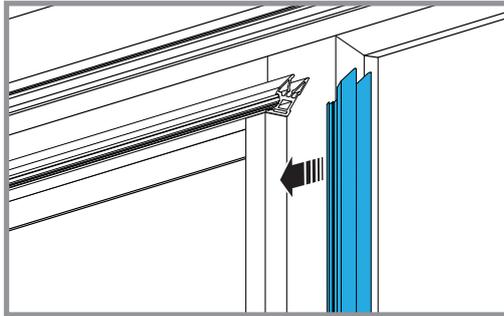


## Sealing Rail C28/48

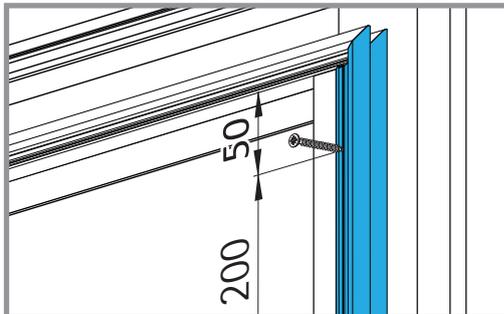
Sealing rail seal, using double sided tape or sealant.



Locate the vertical sealing rail miter to meet the horizontal sealing rail then press lightly to fix, this pushes up to the timber end cap.

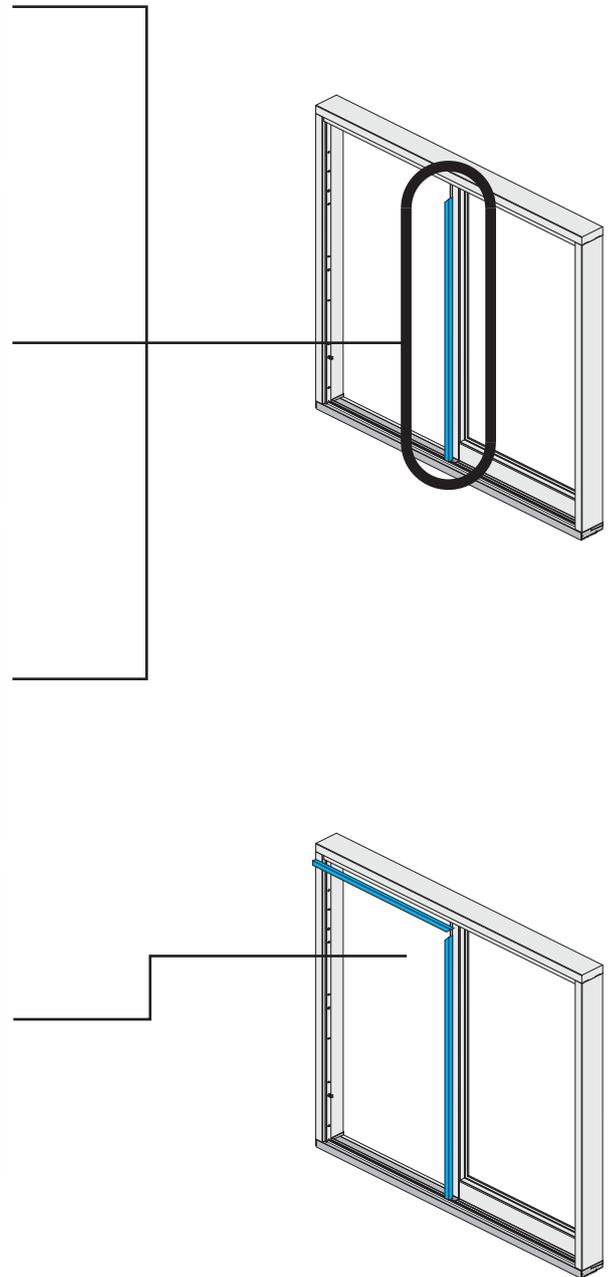
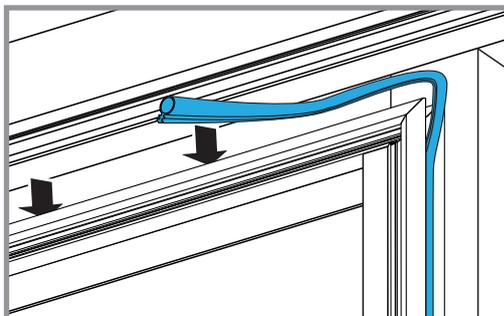


Fix sealing rail using screws, 50mm from the top, then each max distance of 200mm between screws.



Pre drill the rail before fixing.

Continue to fit the bubble seal around the miter and along the distance of the horizontal sealing rail, clipping into place.

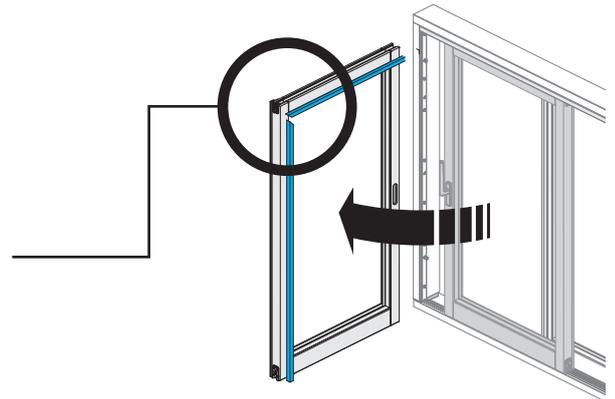
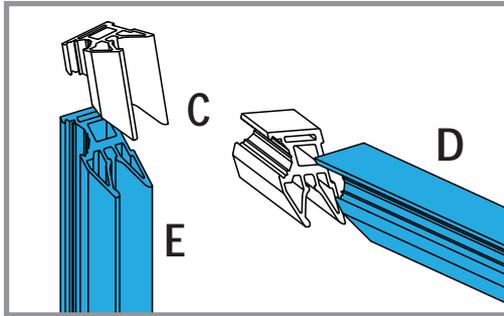


## Mounting on the Sash

### Cutting the sealing rail

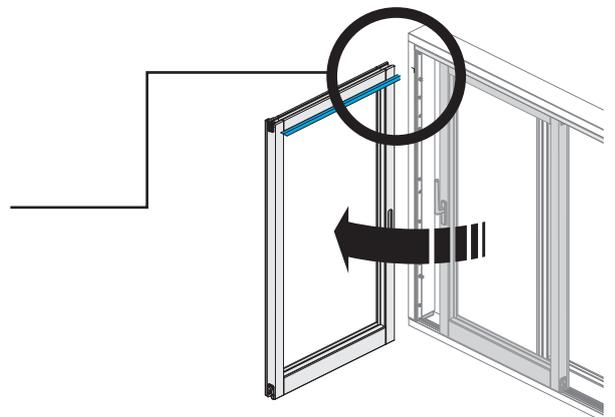
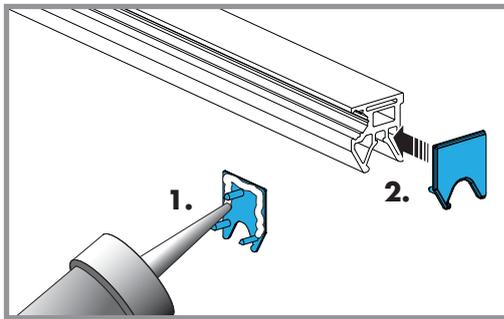
Sealing rail needs to be mitered as shown.

- A - Horizontal sealing rail
- B - Vertical sealing rail
- C - Waste Parts

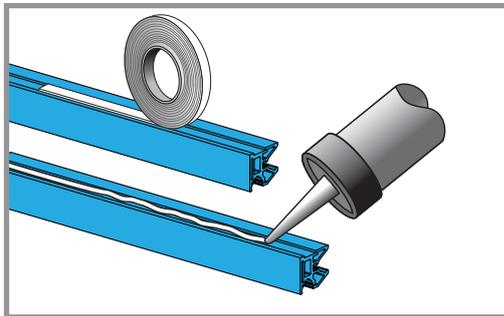


### Fasten sealing rail - Horizontal.

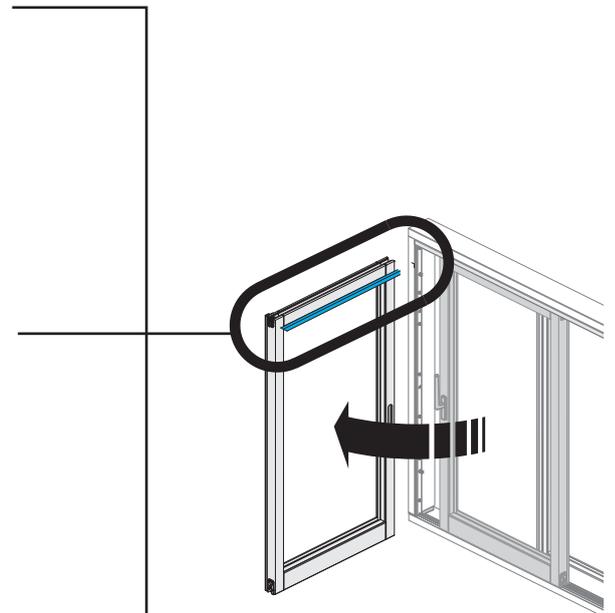
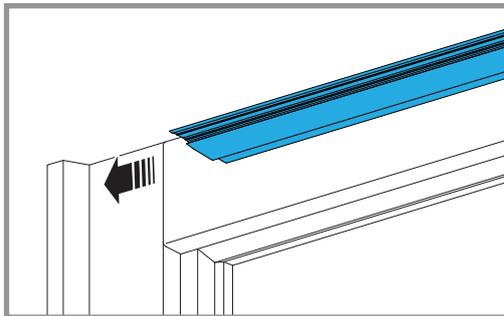
- 1 - Apply sealant to cap.
- 2 - Fasten cap to the end of sealing rail.



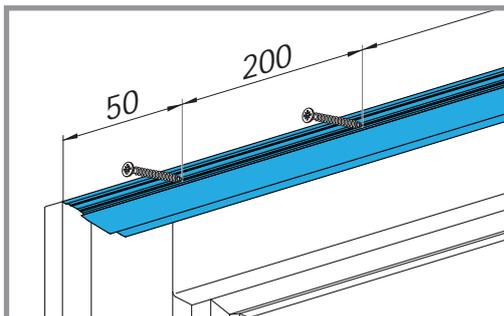
Sealing rail seal, using double sided tape or sealant.



Locate the horizontal sealing rail miter to meet the vertical timber end cap then press lightly to fix.



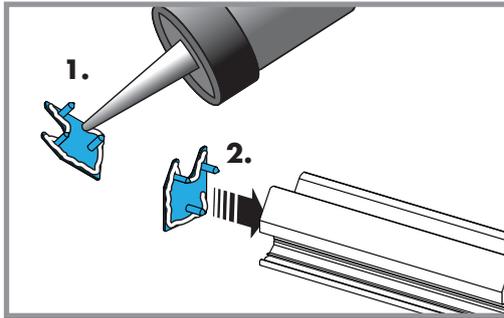
Fix sealing rail using screws, 50mm from the end, then each max distance of 200mm between screws. Pre drill the rail before fixing.



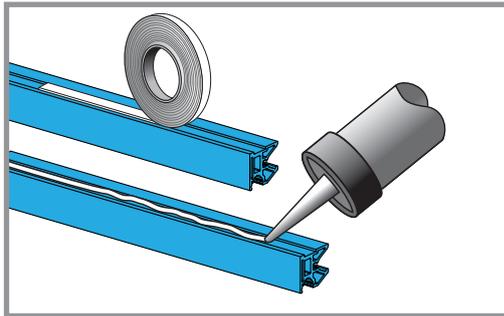
## Fasten sealing rail - Vertical.

1 - Apply sealant to cap.

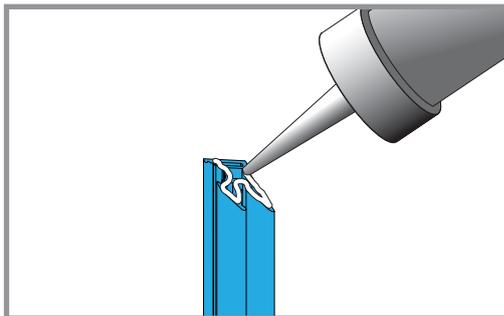
2 - Fasten cap to the end of sealing rail.



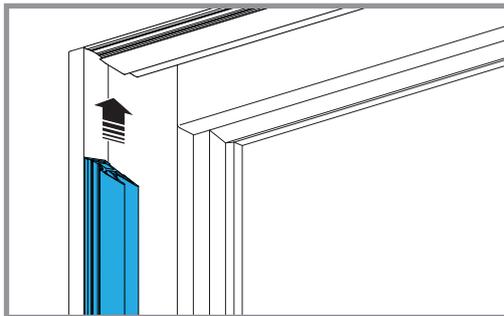
Sealing rail seal, using double sided tape or sealant.



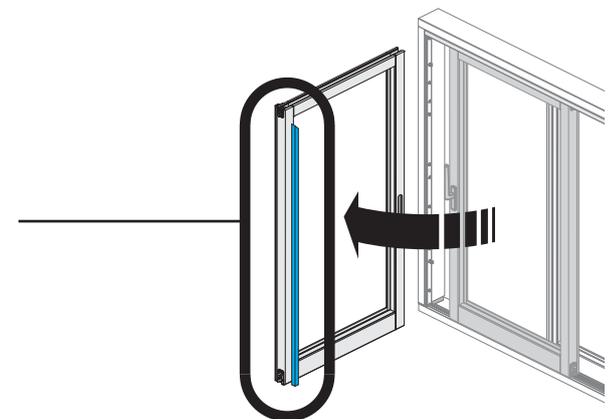
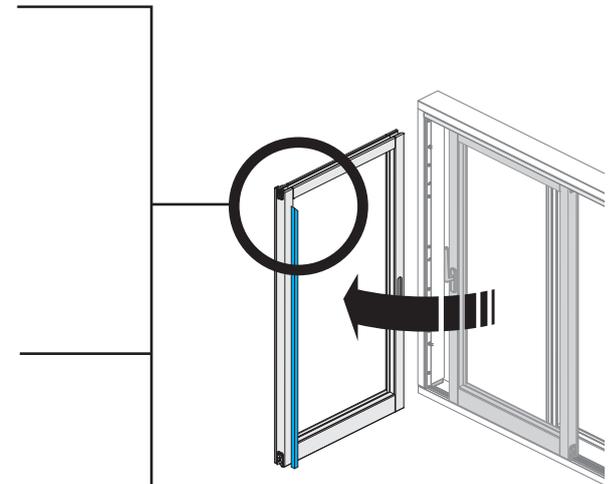
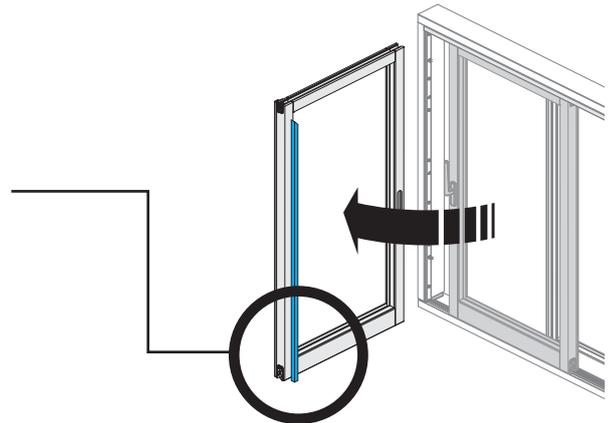
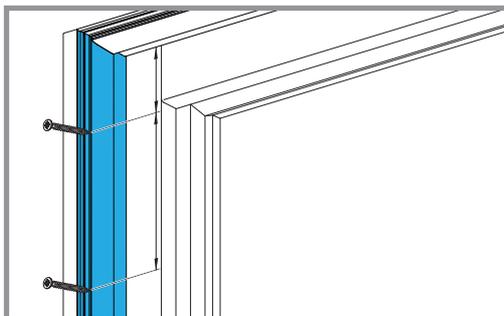
Apply sealant to the vertical sealing rail miter.



Locate the vertical sealing rail miter to meet the horizontal sealing rail miter then press lightly to fix.



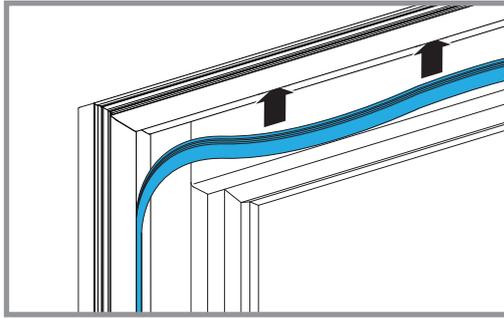
Fix sealing rail using screws, 50mm from the top, then each max distance of 200mm between screws. Pre drill the rail before fixing.



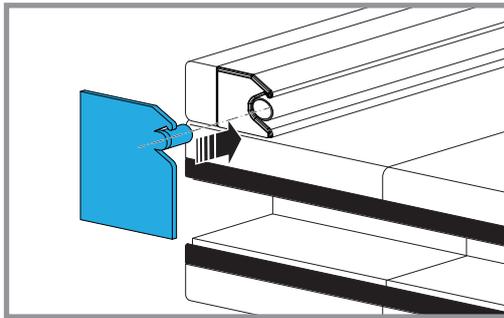
## Sealing Rail C28/48



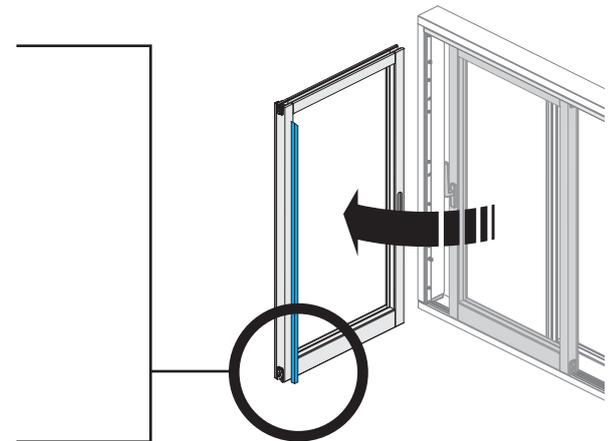
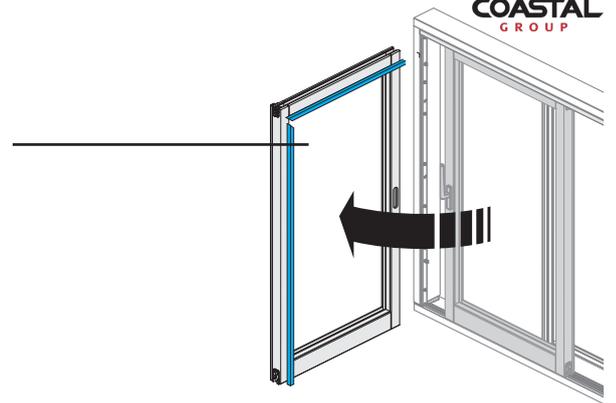
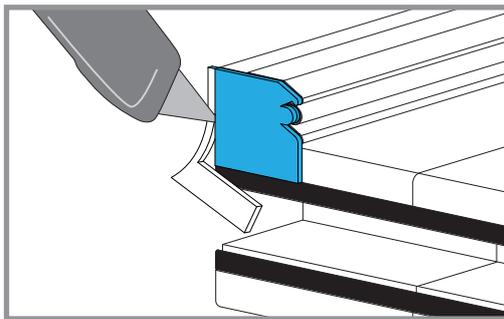
Fit the bubble seal into the vertical sealing rail and horizontal sealing rail clipping into place.



Apply the sealing part to the lower vertical sealing bar. Remove the adhesive protective film. Locate the peg into the bubble seal, press lightly to fix in place.



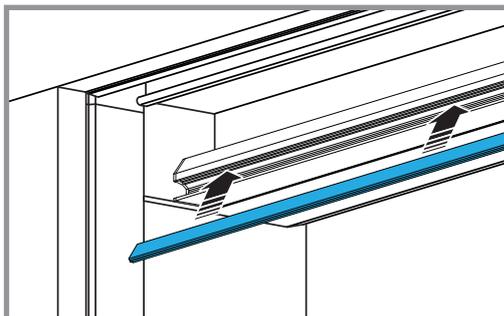
Cut away the excess with a sharp knife to match the sealing rail profile.



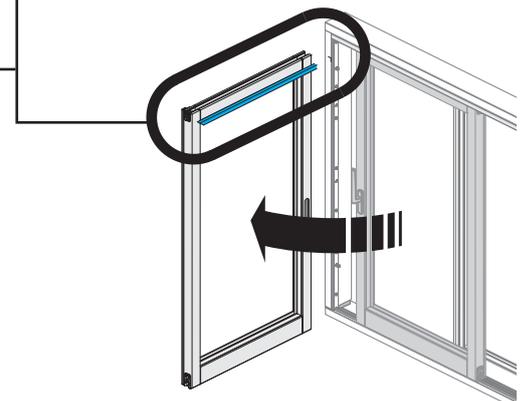
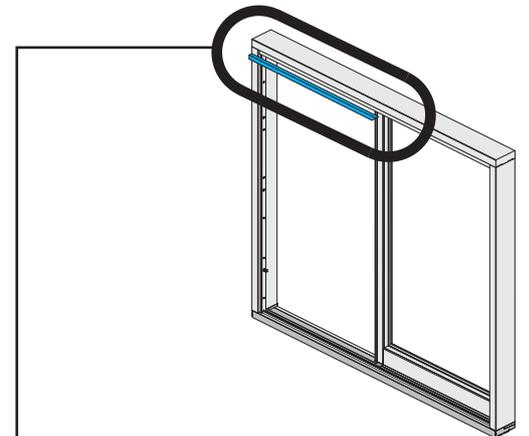
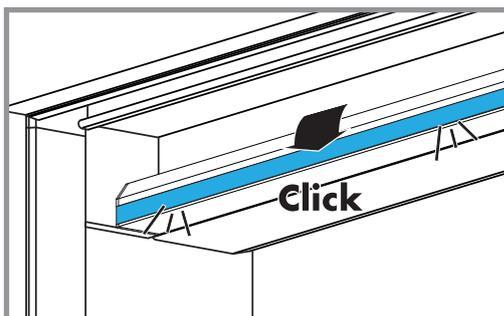
## Install Brush Seal

Installation steps are the same for sash and frame assembly.

Horizontal capping cut to the required length, capping with the groove facing into the sealing rail so this cannot be seen.



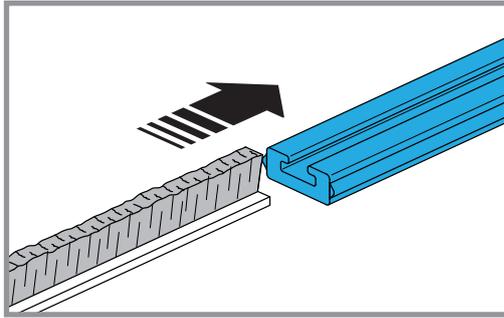
Locate the top of the capping into the groove then press to click in place.



## Sealing Rail C28/48



Vertical capping cut to the required length, brush seal cut to the same length then fed into the groove in the capping rail.



Locate the top of the capping into the groove then press to click in place, brush seal will be facing out.

