



origin
DOORS AND WINDOWS

Artisan Slider (OS-20) Specification File

A close-up photograph of a dark-colored door handle and keyhole. The handle is a vertical slider type, and the keyhole is a standard cylindrical lock. The background is a light, neutral color, and the door frame is visible on the left.

Contents

Specification Overview	04
Security	07
Optional Extras	08
Inline Slider Make-Up	09
Performance and Limitations	10
Master Configurations	11
Technical Drawings	16
Gaskets	40
Installation Guide	41

Specification Overview

Thermally Broken Aluminium Inline Slider

External
view of
the Origin
Inline Slider



Internal
view of
the Origin
Inline Slider



Profile specification

Frame Depth	2 options: 116mm (double track) and 182mm (triple track)
Sightline	20mm interlockers, 159mm central locking stiles (if used) 44mm and 77mm sightlines also available on the Patio Slider.
Track Height	44mm (double and triple track)
Maximum Individual Panel Size	2200mm wide x 3000mm tall* <i>*individual panels cannot exceed 6sqm</i> <i>*the height of an individual panel cannot exceed 3 times its width</i>
Minimum Individual Panel Size	550mm wide x 1600mm tall

Features

- ▶ Up to a 20-year guarantee including gaskets and seals*
- ▶ Up to a 10-year guarantee on glass*
- ▶ Ultra-slim 20mm sightlines
- ▶ Available in any RAL finish
- ▶ Concealed running gear and track
- ▶ Minimum of 6 points of locking (internal lever and cylinder only)
- ▶ Weather testing BS6375 part 1 certified
- ▶ Can accommodate large panel sizes

Options and extras

- ▶ Up to 6 panelled configurations - these can be all sliding or a combination of fixed and sliding
- ▶ All RAL colours available
- ▶ Lever options: 7015M, 7016M, 9005M, 9910G
- ▶ Drip bar available
- ▶ 180mm and 225mm cill options available

Glazing options

- ▶ Structurally bonded system
(Fixed panels will require bonding on site by the installer)
- ▶ The premium low-e toughened glass used is a dependable double glazed unit. Constructed of two toughened sheets - a minimum of 6mm on both the inward and outward facing panes, making it highly durable as well as thermally efficient.

*Guarantee based on location of where the doors will be installed.
Full terms and conditions can be found on the Origin website - origin-global.com/terms-and-conditions.

The Origin Inline Slider is available in over 150 colours...



Anthracite Grey (7016M)



Jet Black (9005M)



Black Grey (7021M)



RAL 4010



RAL 6019



RAL 2004



RAL 5013



RAL 7001



RAL 1003



RAL 6027



RAL 6021



RAL 5023

Covering everything from the favourite metallic shades through to the more extensive palettes, we've got a colour available that's guaranteed to suit any home or building style.

For the full range, visit origin-global.com

Dual colour and woodgrain options are not available.

Security

Origin's Multi-Point Lock

Each door is equipped with an ultra-secure multi-point locking system, which features a minimum of six points of locking. Depending on the size of the door, this may increase.



Cylinder

▶ TS007 1 star cylinder ▶ Internal cylinder only

Optional Extras

Handles

- ▶ Every Inline Slider is fitted with a flush-faced lever handle, which offers a look as sleek as the doors themselves.
- ▶ It's available in four attractive colours: 9910G, 7015M, 7016M, 9005M



Cills

Choose from our 2 cill options. These can also be powder-coated to match the doors.



180mm cill

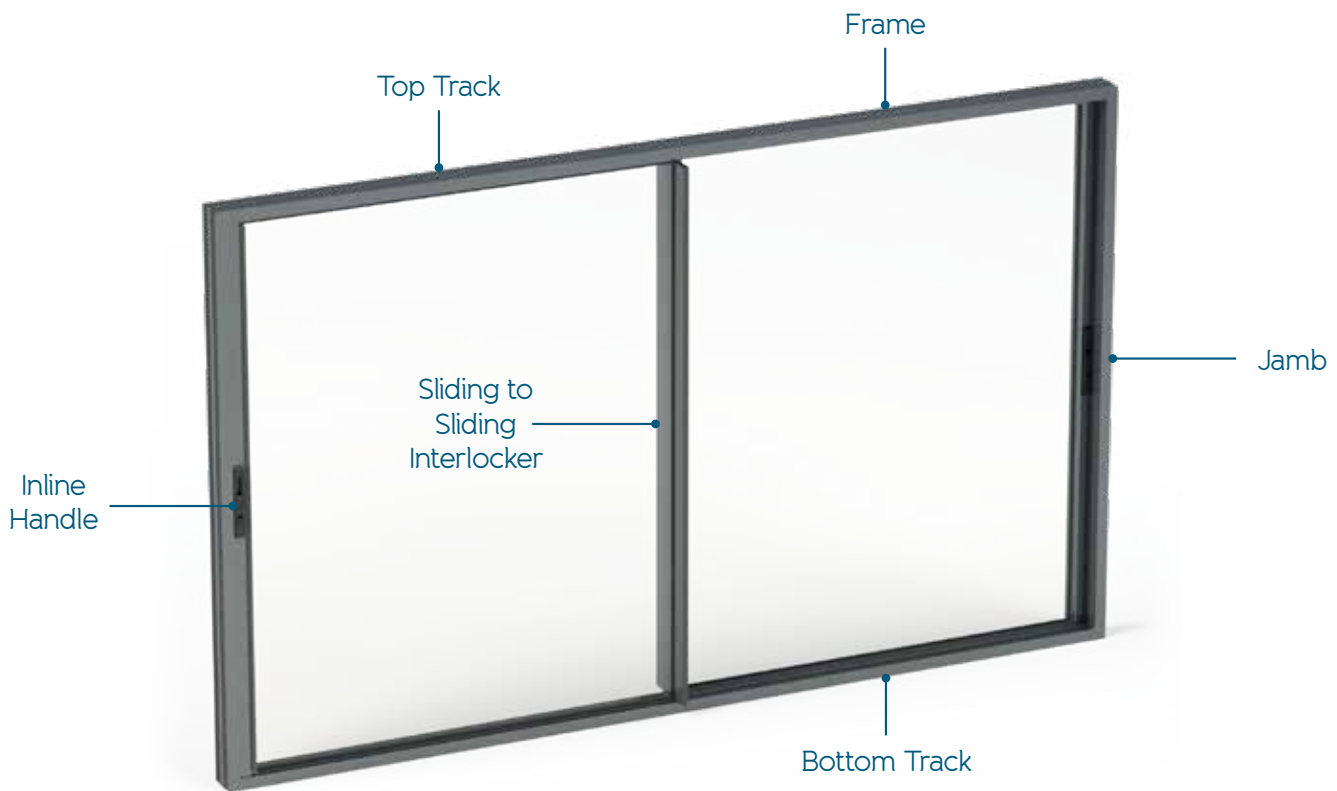


225mm cill

Drip Bar

A drip bar option is available. It is situated towards the bottom of the door to deflect rainwater and prevent large pools of water from gathering.

Inline Slider Make-Up



Make-up is dependent on the configuration chosen.

Performance and Limitations

Origin Thermal Ratings

u-Value	1.4W/m ² K
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Weather Rating

Air Permeability	Class 4
Water Tightness	Class 7A
Resistance to Wind Load	Class A3
Exposure Category	1200

Performance Testing

BS6375 Parts 1, 2 and 3 Certified

Accreditation

ISO 9001

Size Limitations

Maximum individual panel size:

2200mm wide x 3000mm tall*

**individual panels cannot exceed 6sqm.*

The height of an individual panel cannot exceed 3 times its width

Minimum individual panel size:

550mm wide x 1600mm tall

Building Regulation Requirements

New Build
and Extensions 2.0 W/ (m²K)

Replacements 1.8 W/ (m²K)

Energy Rating E or better

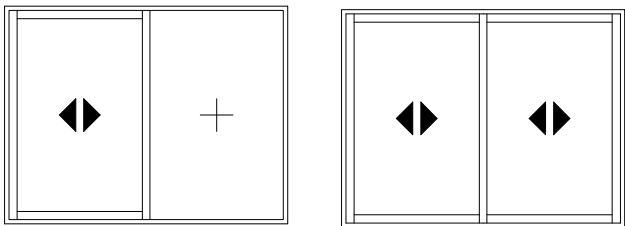
All doors must conform to these requirements

Glazing Specifications

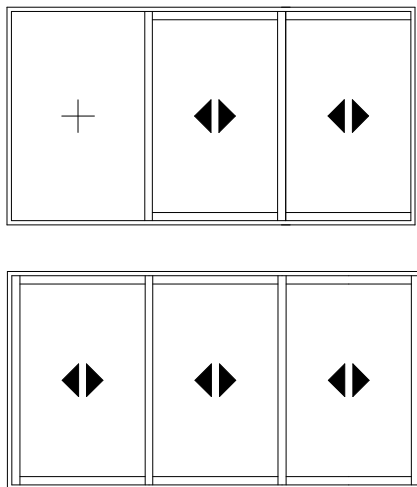
Standard Glass	6 or 8mm Toughened / Warm edge / Low E Toughened
Laminate 6.8 and 8.8 Glass	6.8 or 8.8mm Laminated / Warm edge / Low E Toughened
Solar Reflective	Sunguard SN 70/37

Master Configurations

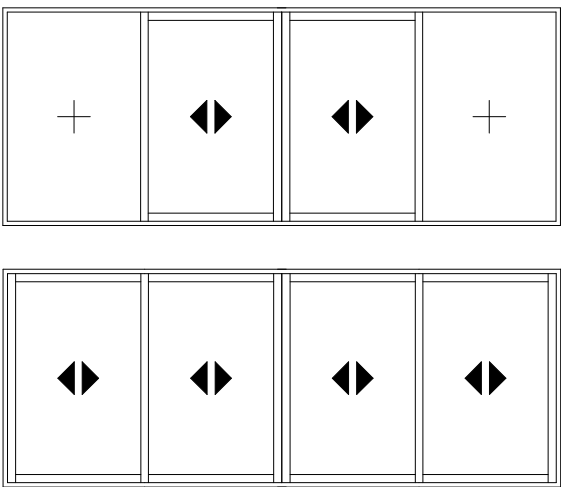
2 panel



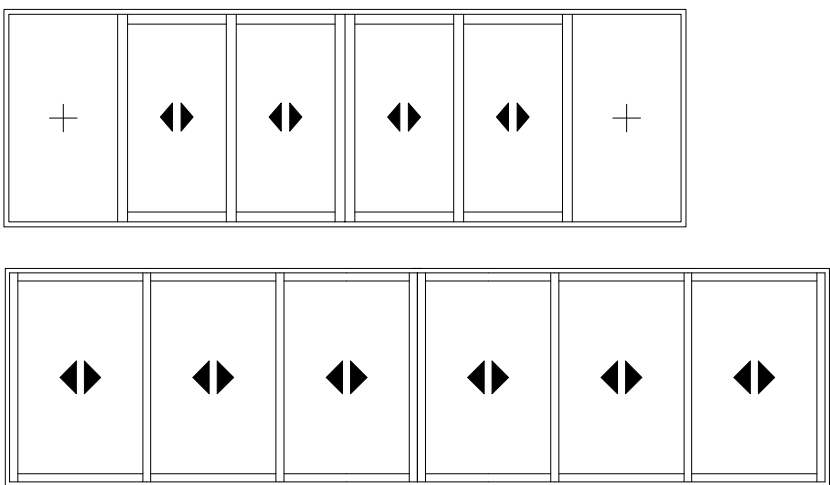
3 panel



4 panel

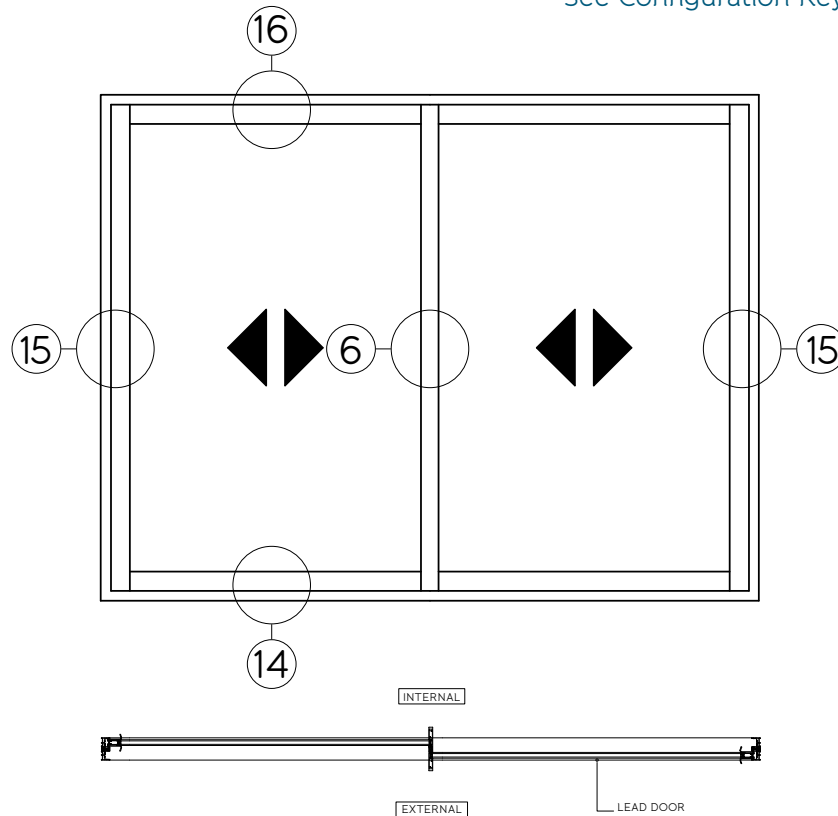


6 panel



Master Configuration: 2 panel (2+0)

See Configuration Key for section detail ▶



2+0

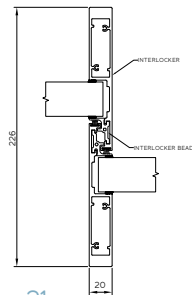
See page 11 for configurations

Key features

- ▶ Both panels can be sliding, or one can be fixed with one sliding
- ▶ Traditional patio door style

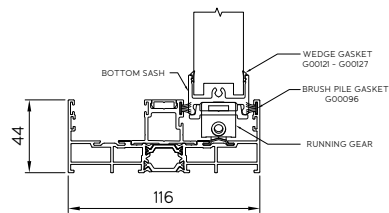
Configuration Key

6 - Sliding interlocker to sliding interlocker detail



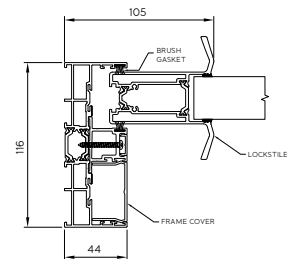
See page 21

14 - Sliding panel to double frame (bottom track) detail



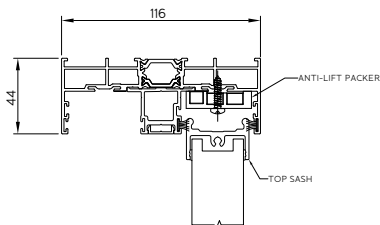
See page 29

15 - Sliding panel to double frame (jamb) detail



See page 30

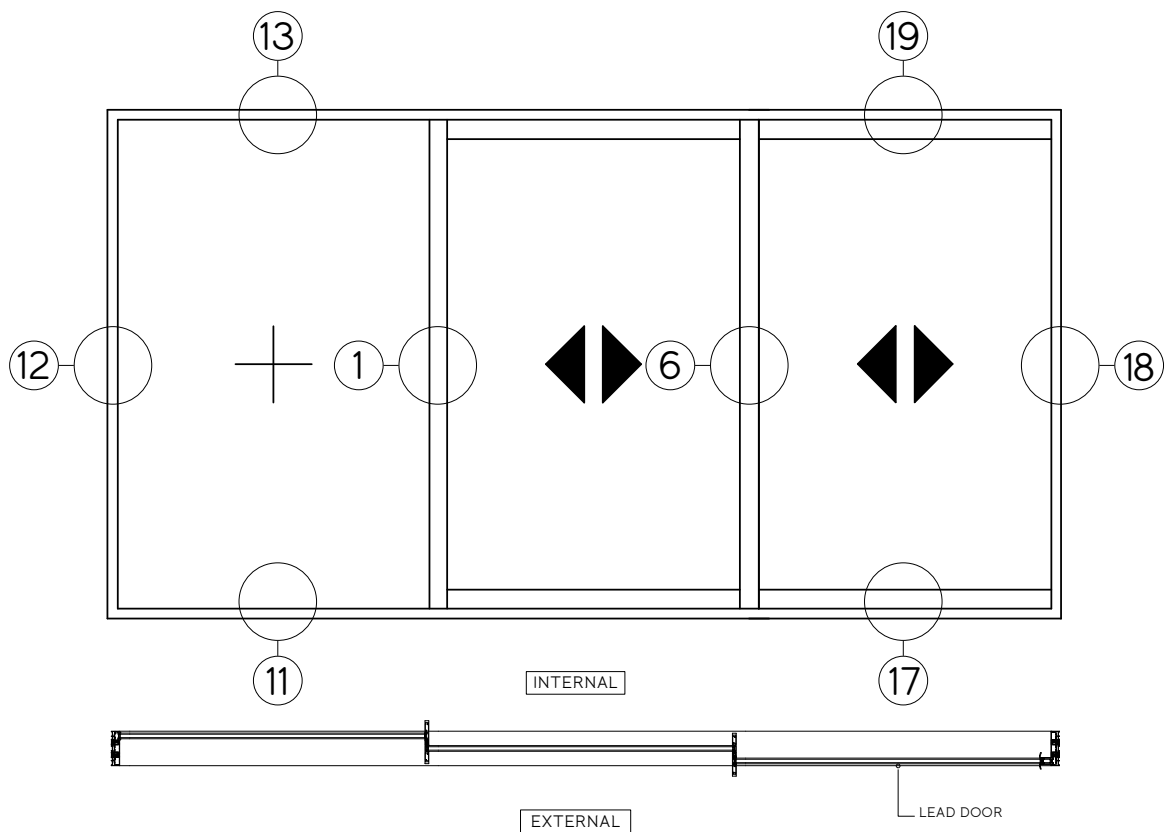
16 - Sliding panel to double frame (top track) detail



See page 31

Master Configuration: 3 panel (shown is 2 sliding and 1 fixed - 2+1)

See Configuration Key for section detail ▶



Key features

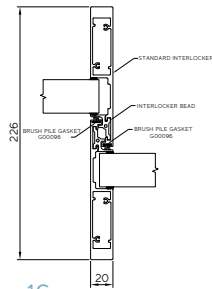
- ▶ Fixed pane can be specified on the left or right
- ▶ All panels can slide or flexible opening

2+1

See page 11 for configurations

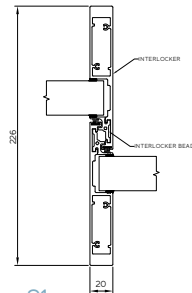
Configuration Key

1 - Fixed interlocker to sliding interlocker detail



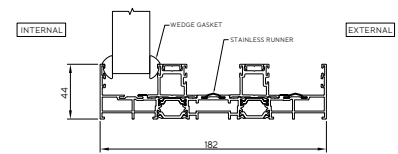
See page 16

6 - Sliding interlocker to sliding interlocker detail



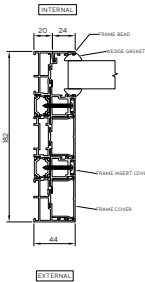
See page 21

11 - Fixed panel to triple frame (bottom track) detail



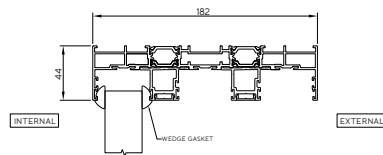
See page 26

12 - Fixed panel to triple frame (jamb) detail



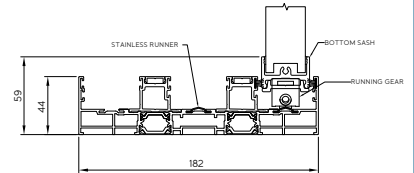
See page 27

13 - Fixed panel to triple frame (top track) detail



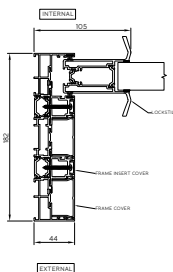
See page 28

17 - Sliding panel to triple frame (bottom track) detail



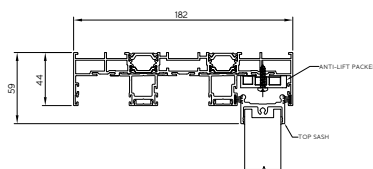
See page 32

18 - Sliding panel to triple frame (jamb) detail



See page 33

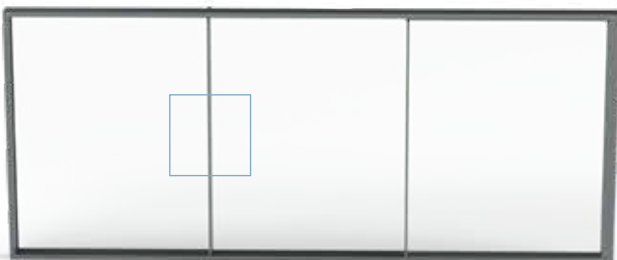
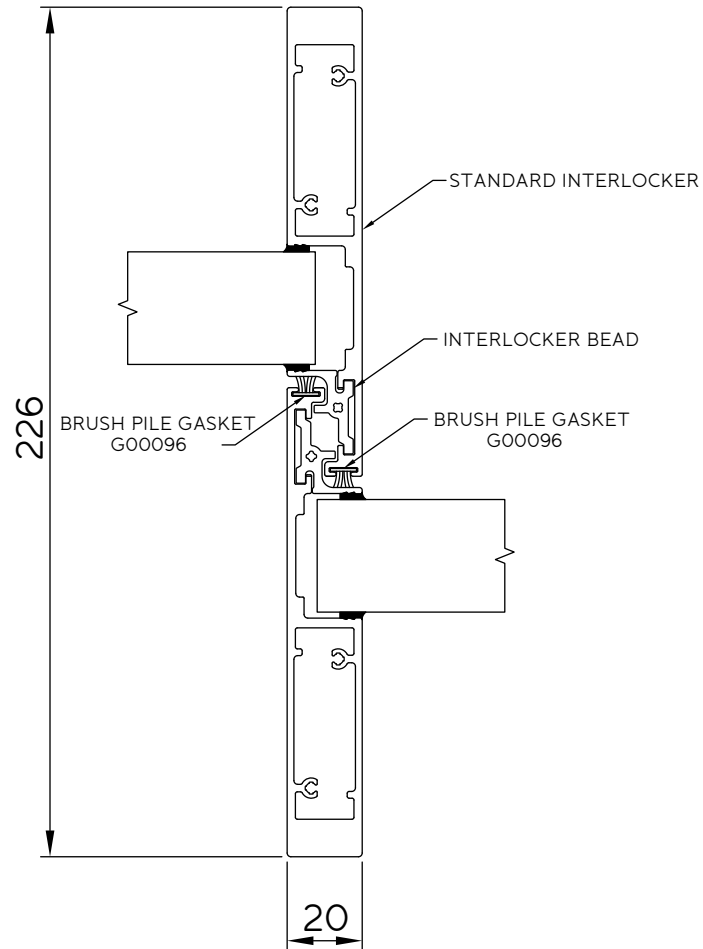
19 - Sliding panel to triple frame (top track) detail



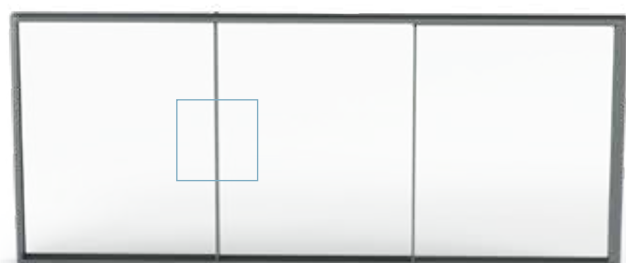
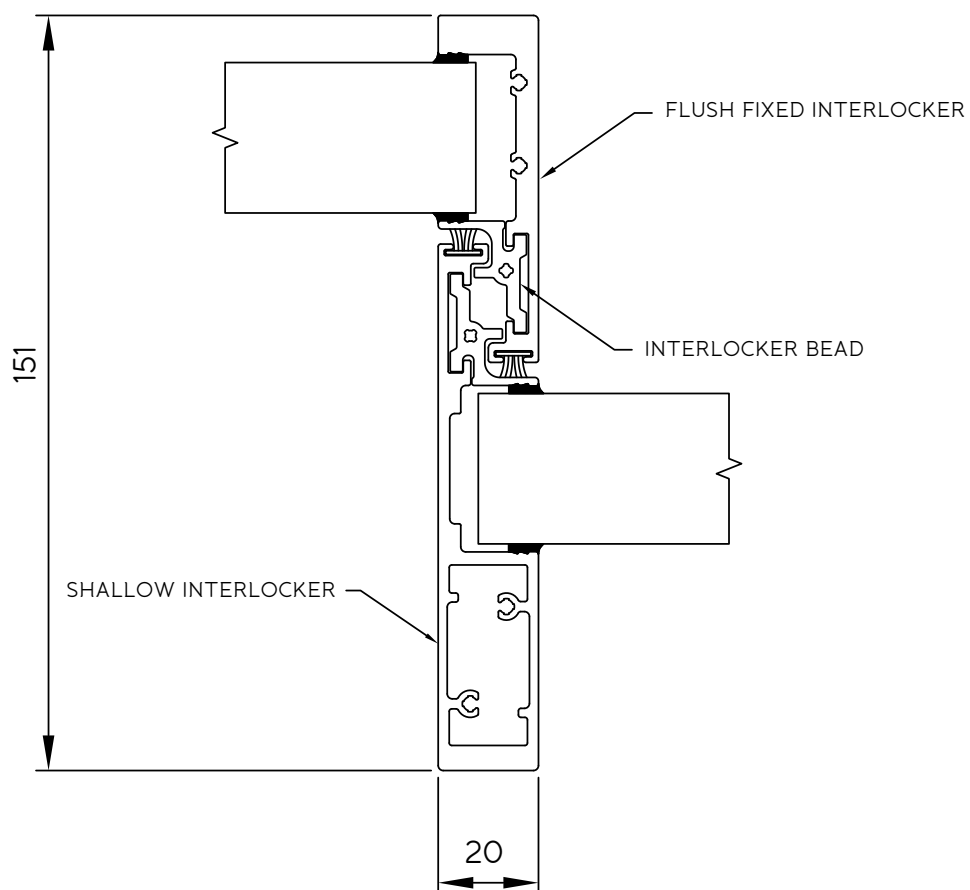
See page 34

Technical Drawings

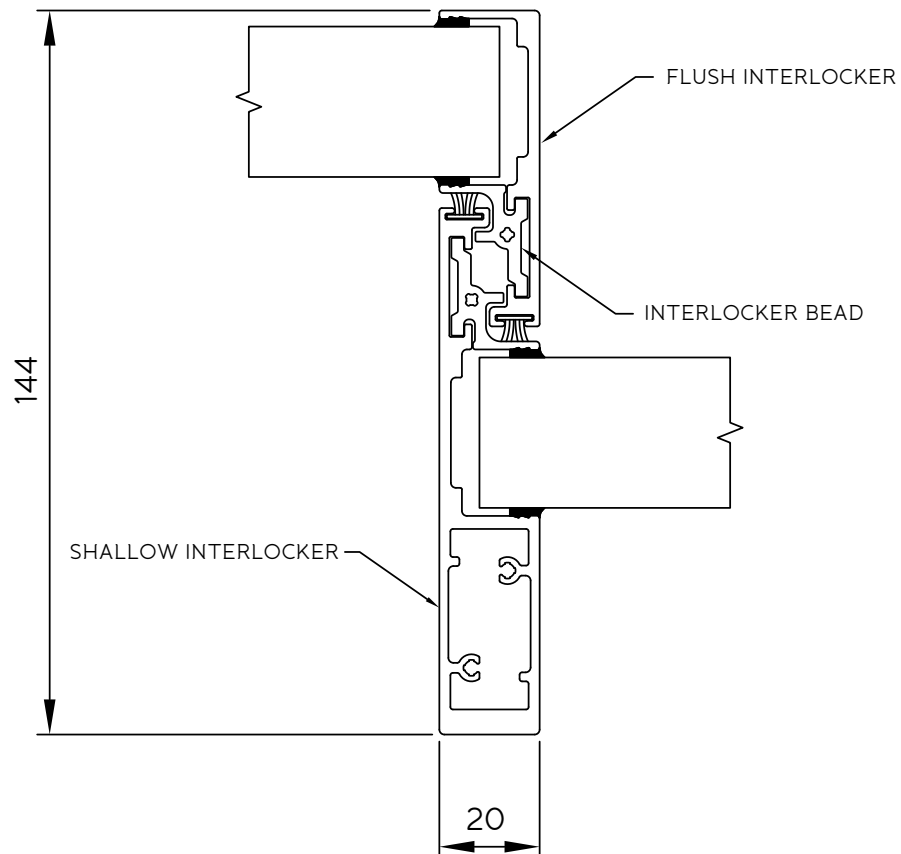
1 Fixed interlocker to sliding interlocker detail



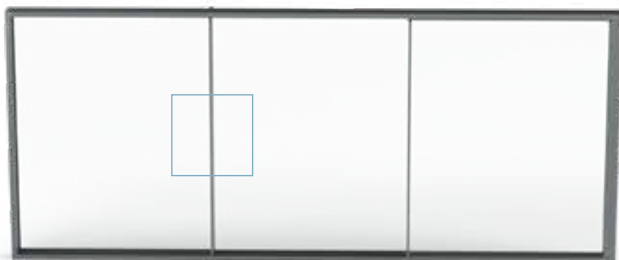
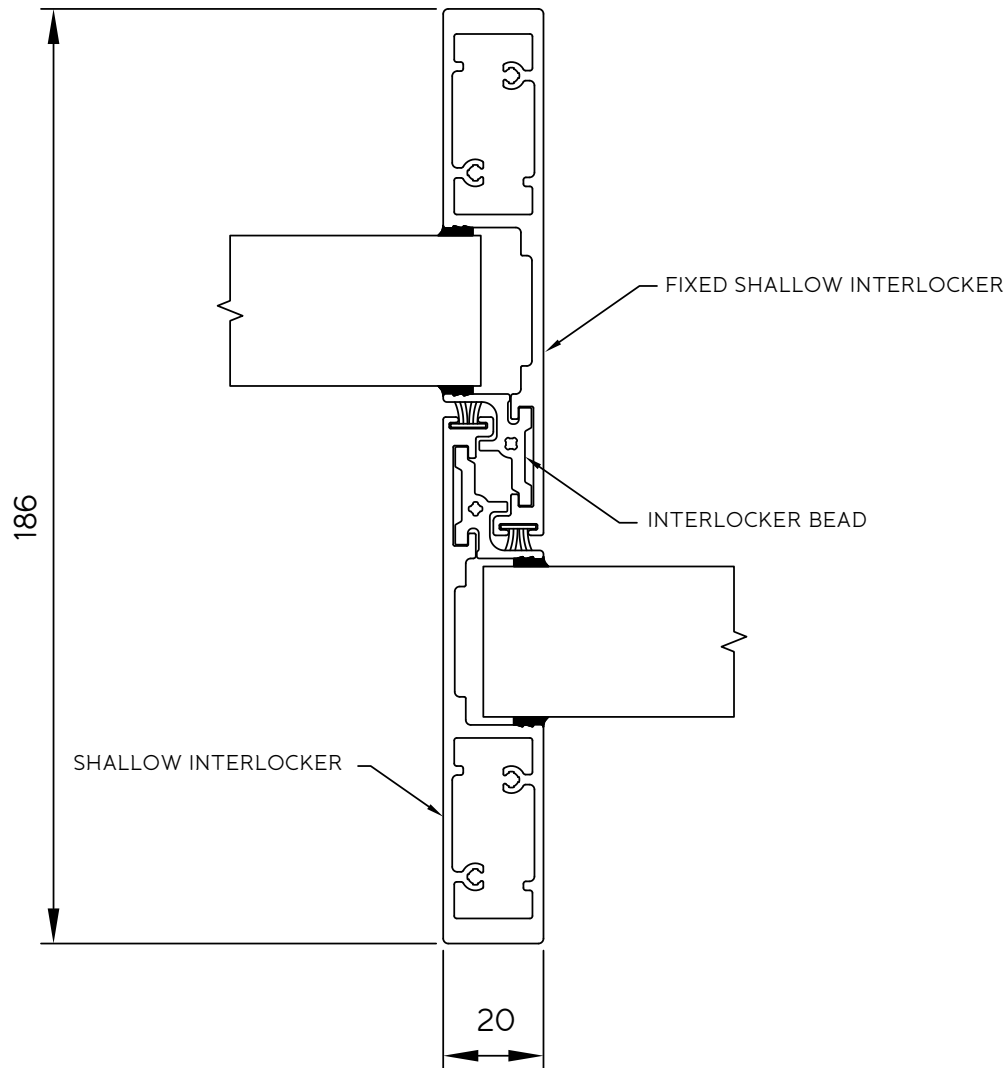
2 Flush fixed interlocker to sliding shallow interlocker



3 Flush interlocker to sliding shallow interlocker

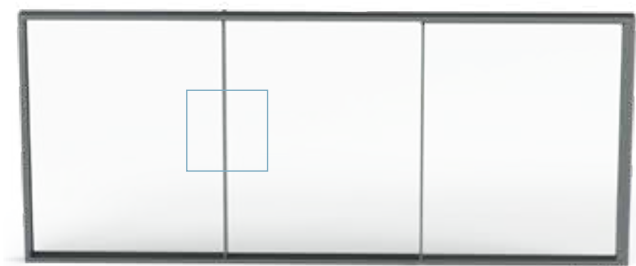
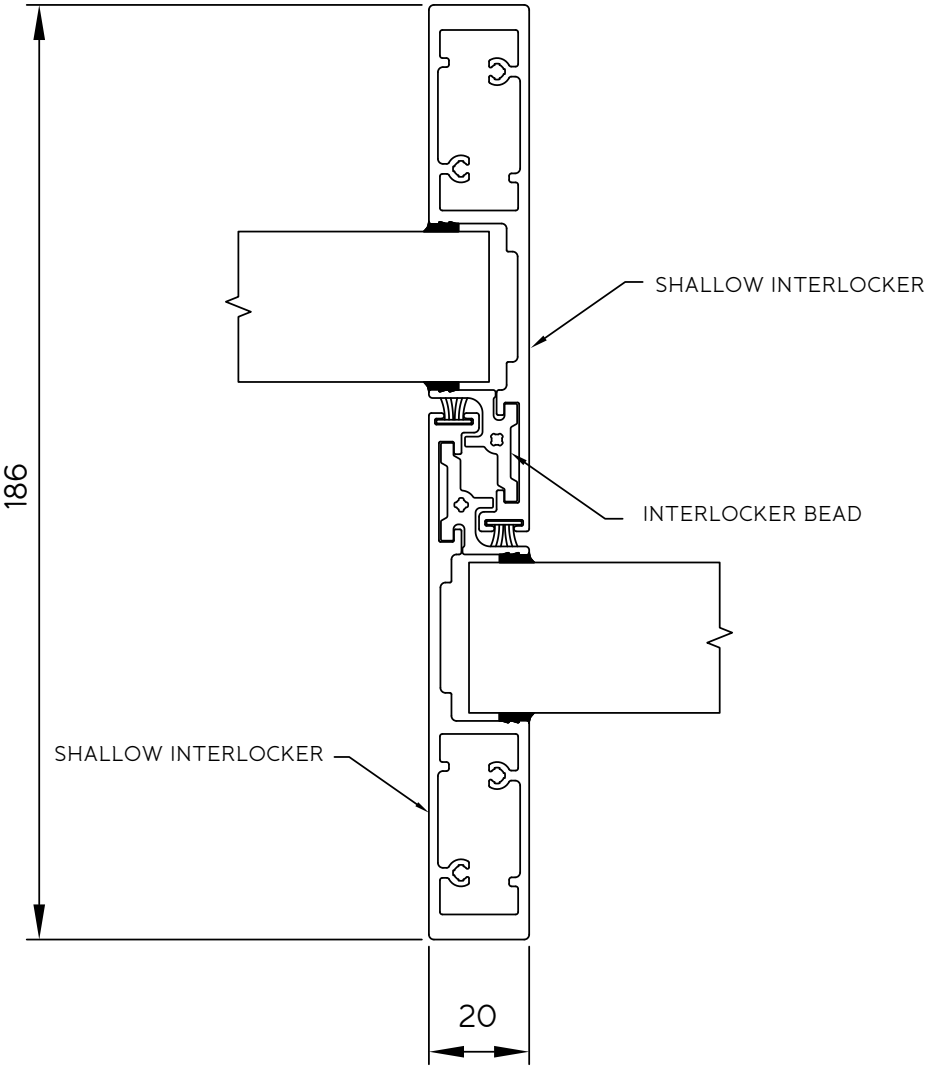


4 Fixed shallow interlocker to sliding shallow interlocker

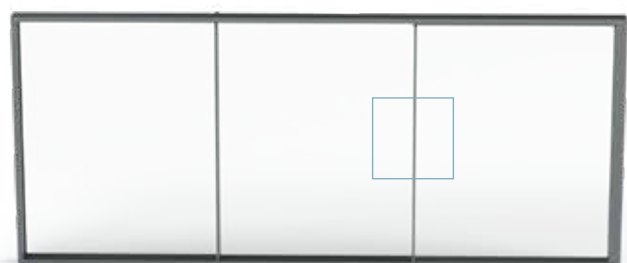
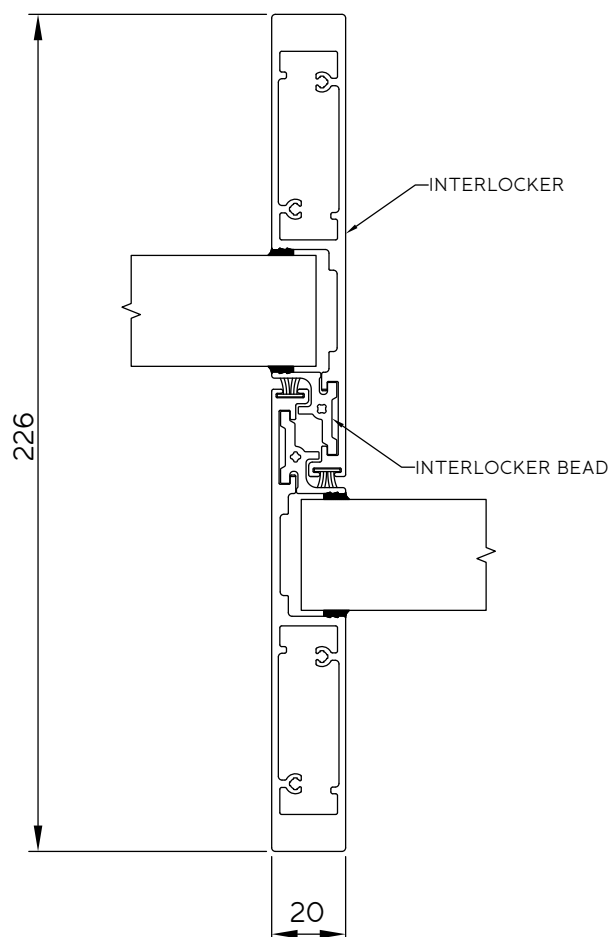


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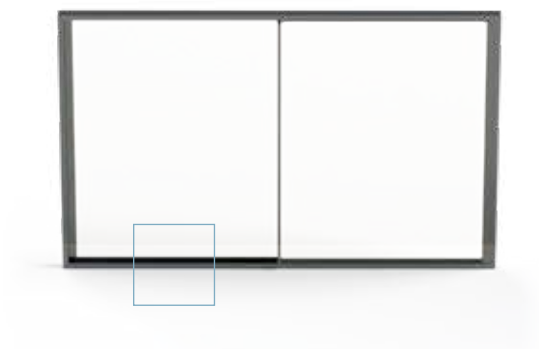
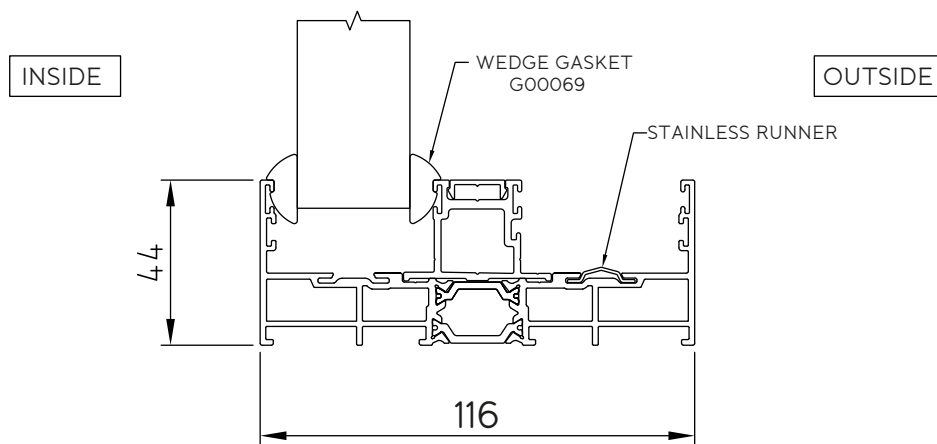
Sliding shallow interlocker to sliding shallow interlocker



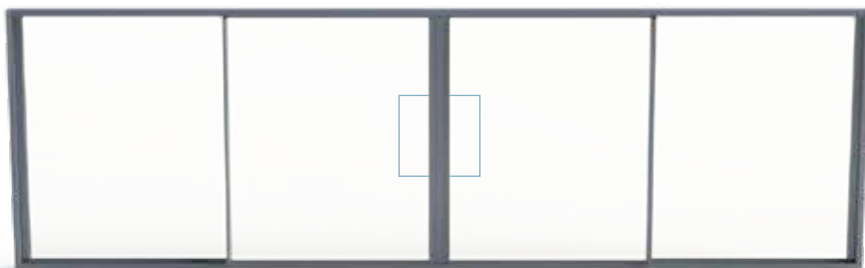
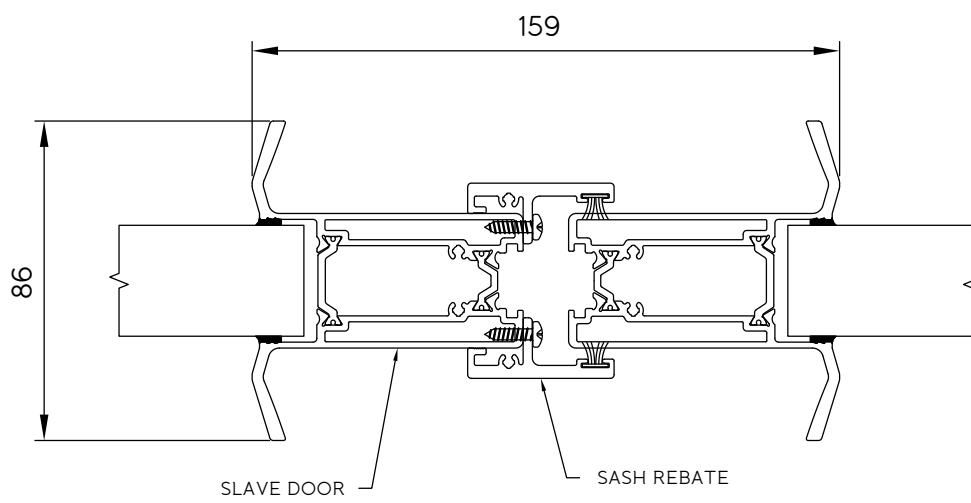
6 Sliding interlocker to sliding interlocker detail



7 Fixed panel to double frame (bottom track) detail

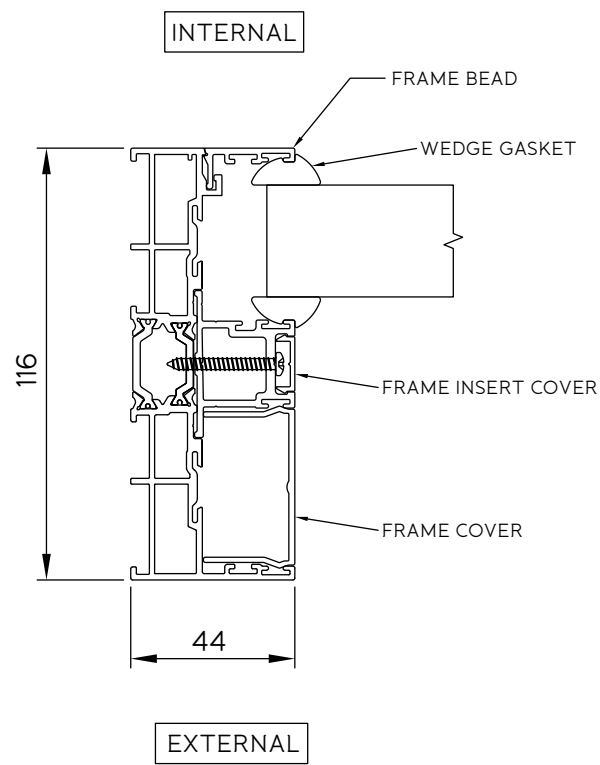


8 Sliding panel to sliding panel detail

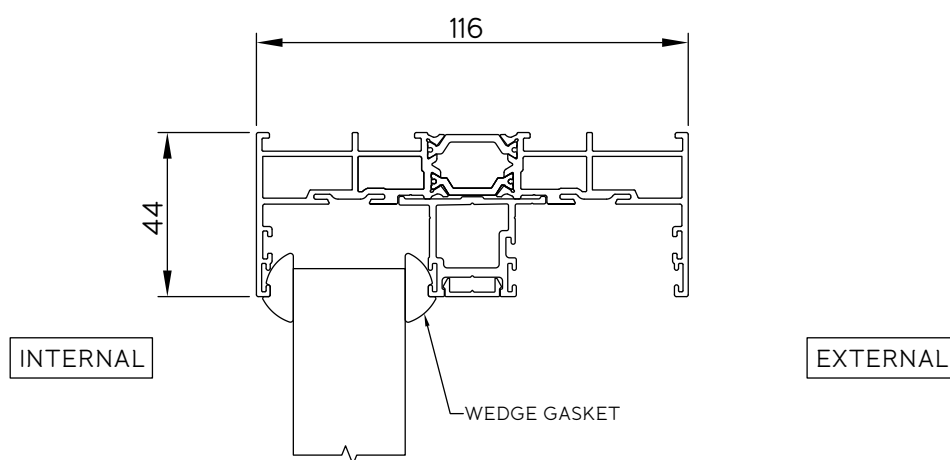


9

Fixed panel to double frame (jamb) detail

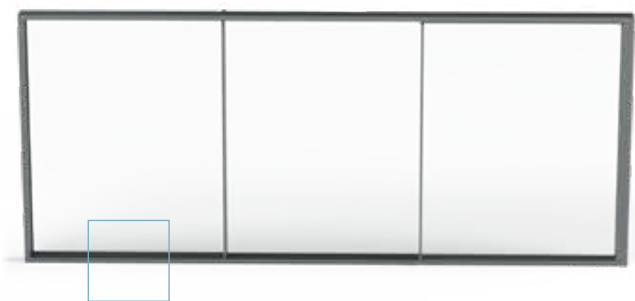
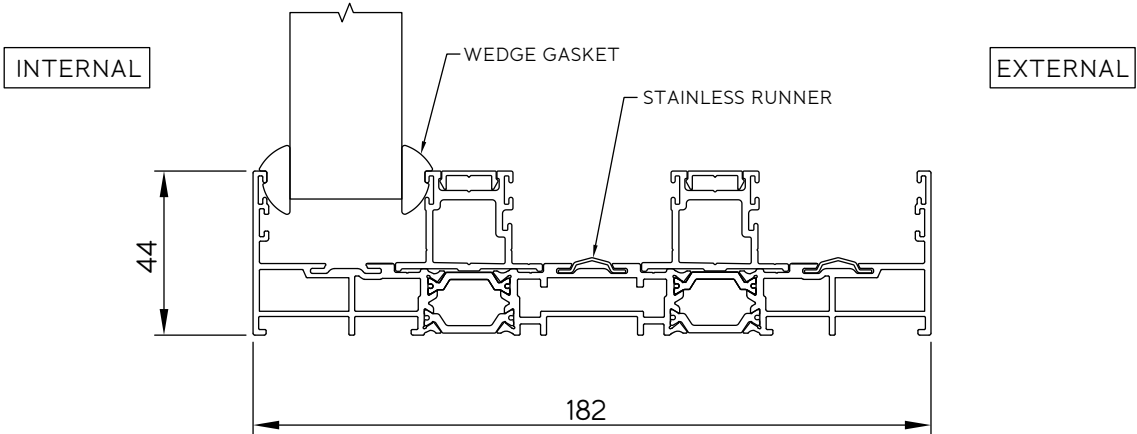


10 Fixed panel to double frame (top track) detail

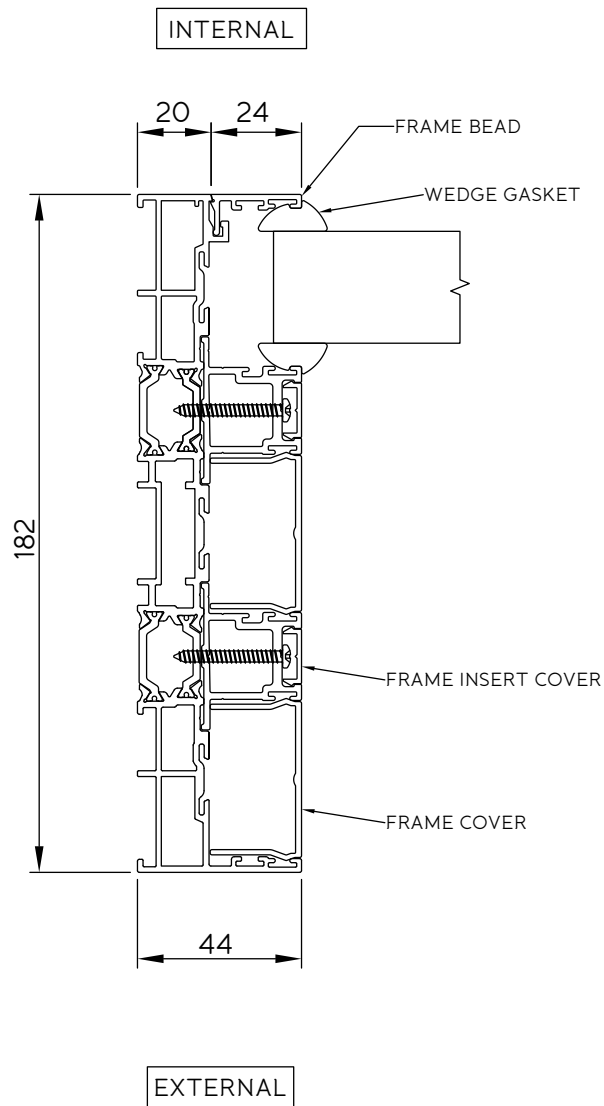


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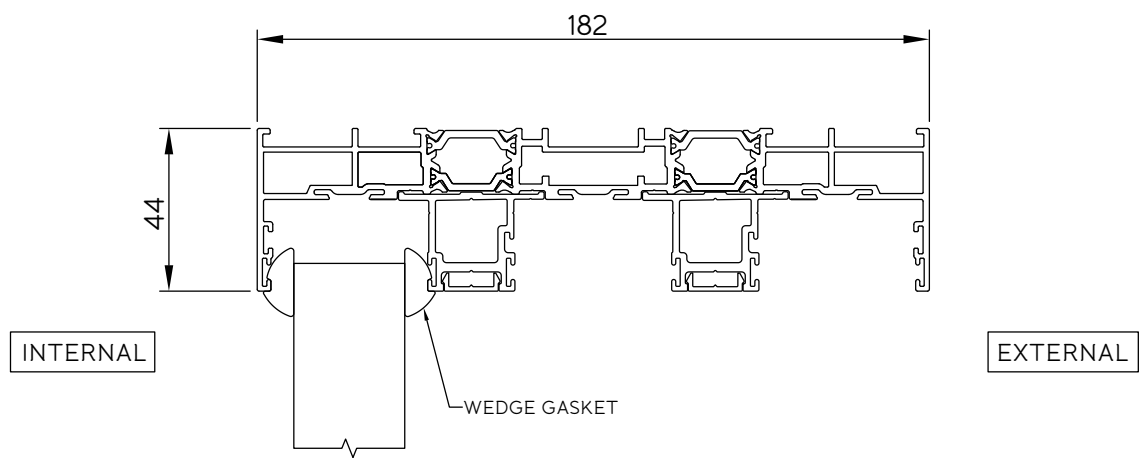
Fixed panel to triple frame (bottom track) detail



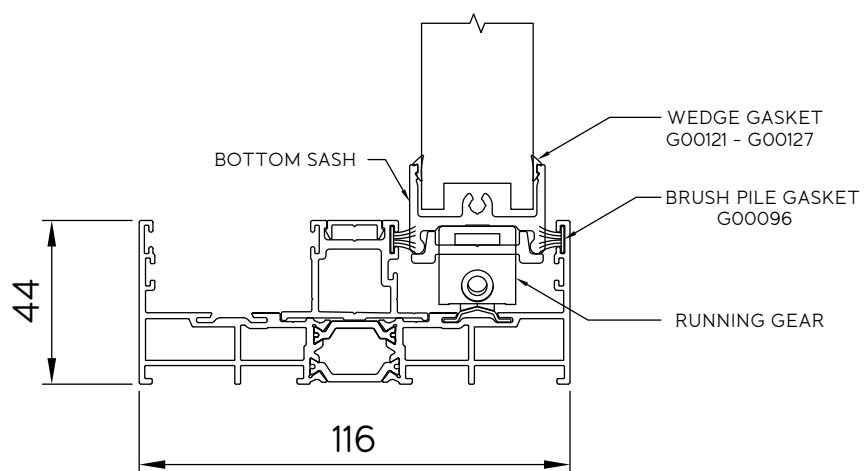
12 Fixed panel to triple frame (jamb) detail



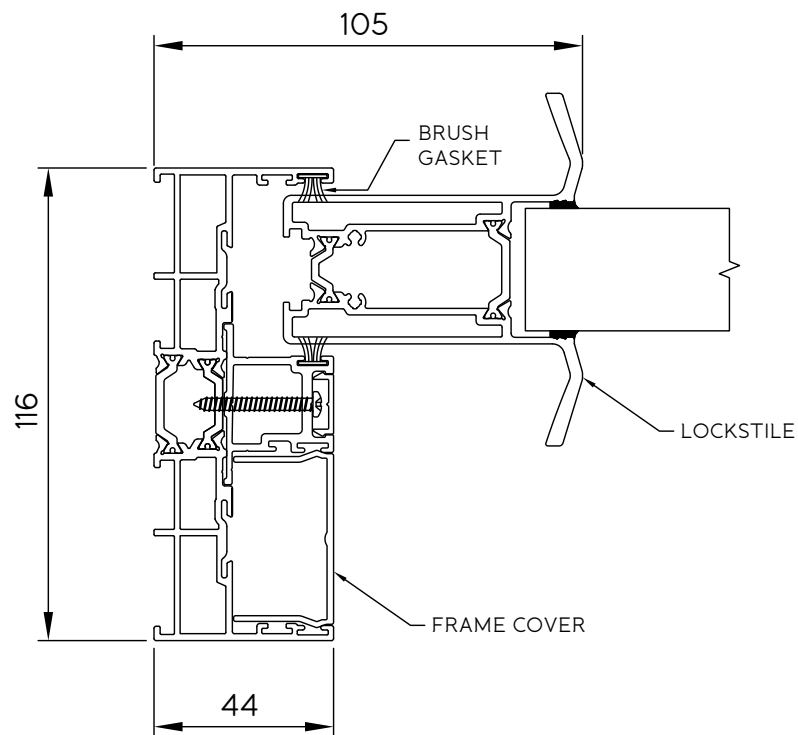
13 Fixed panel to triple frame (top track) detail



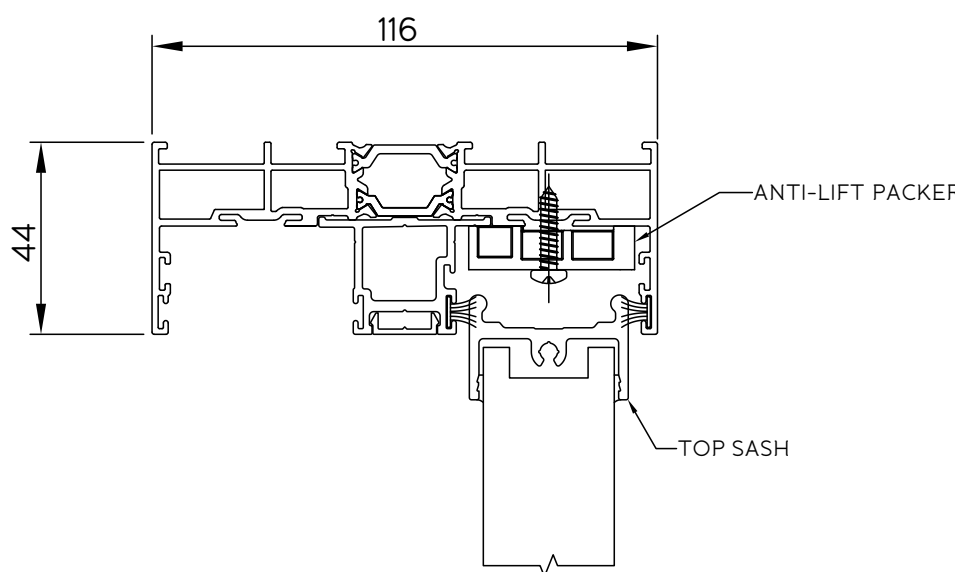
14 Sliding panel to double frame (bottom track) detail



15 Sliding panel to double frame (jamb) detail

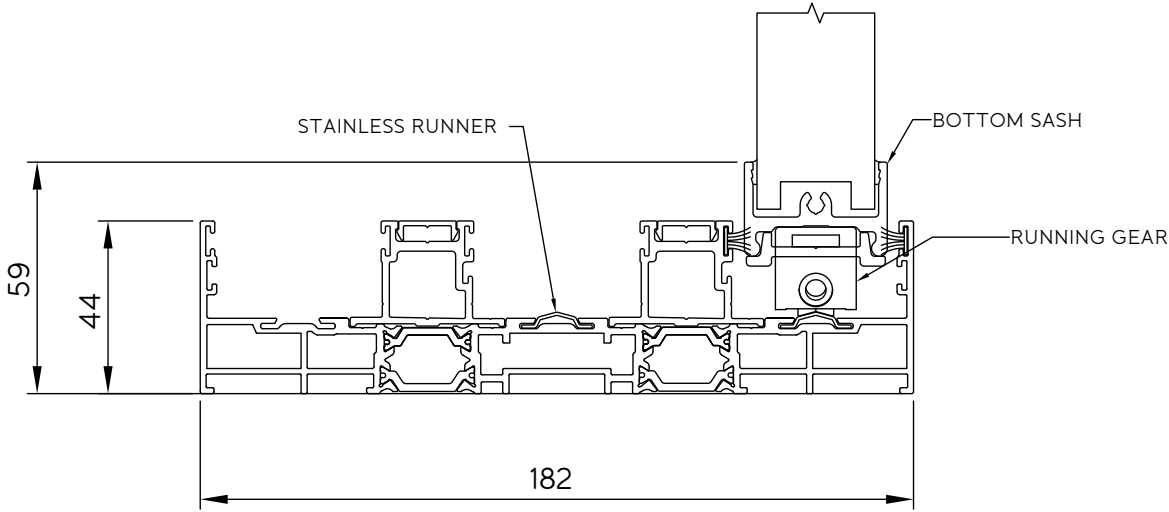


16 Sliding panel to double frame (top track) detail

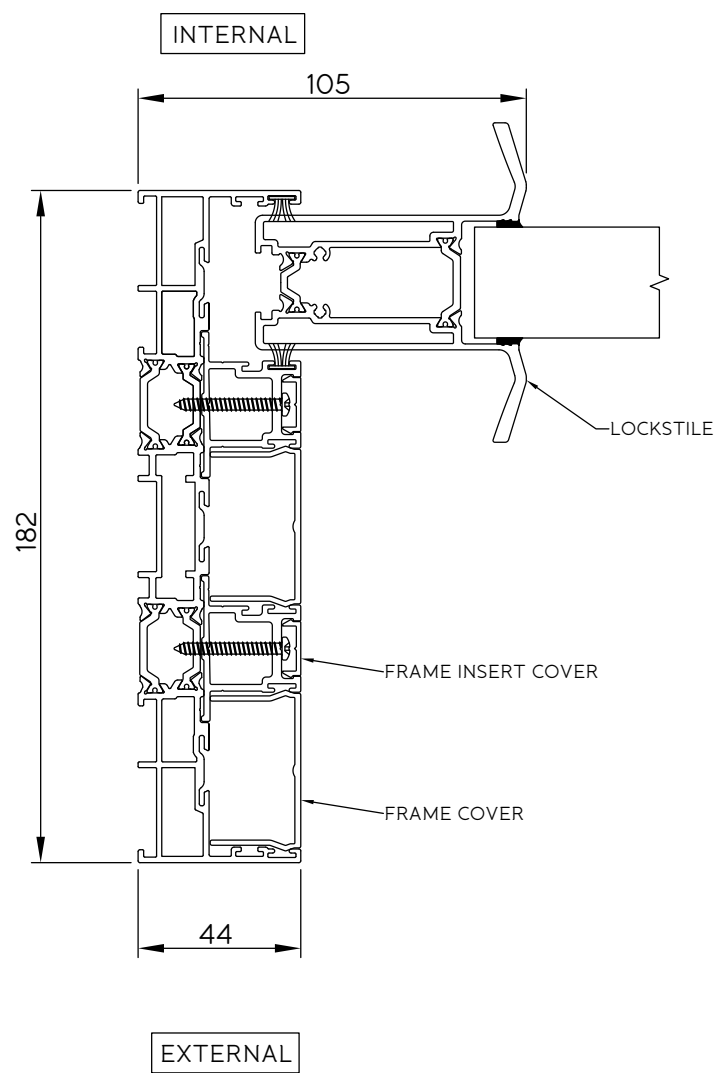


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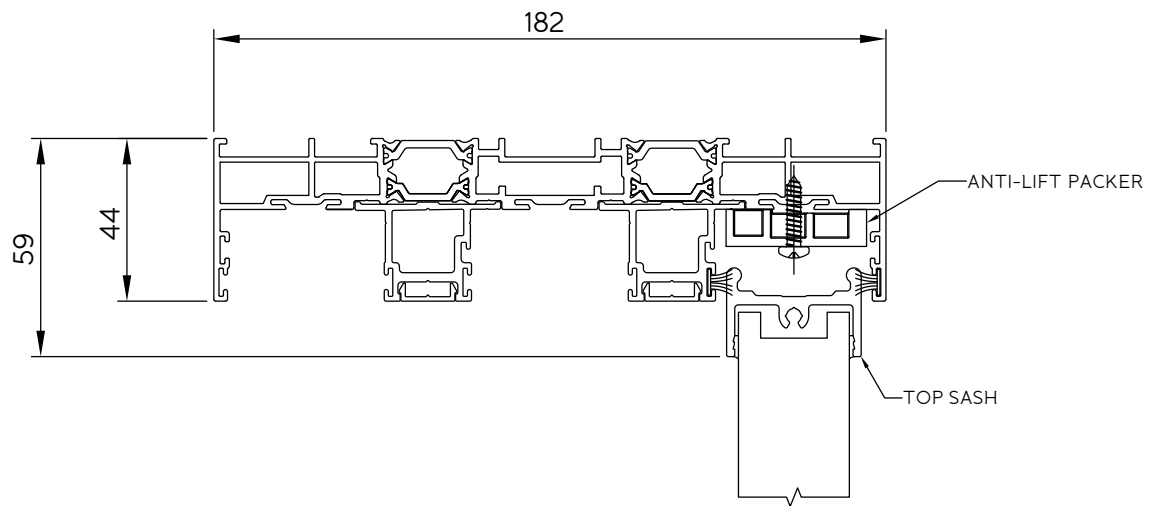
Sliding panel to triple frame (bottom track) detail



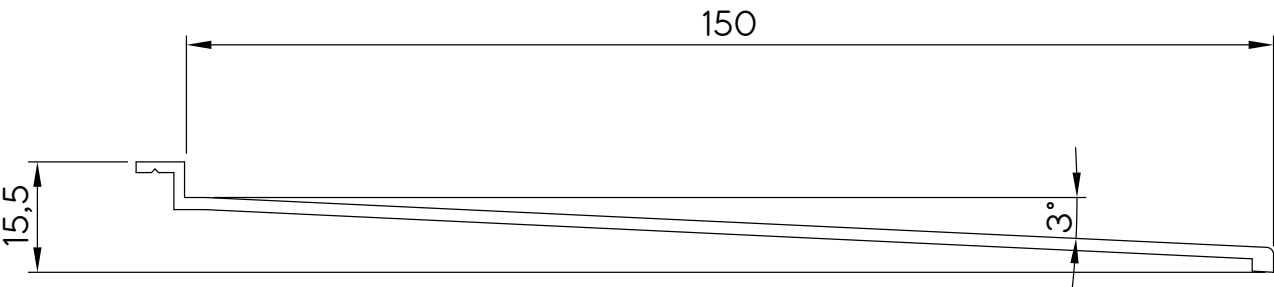
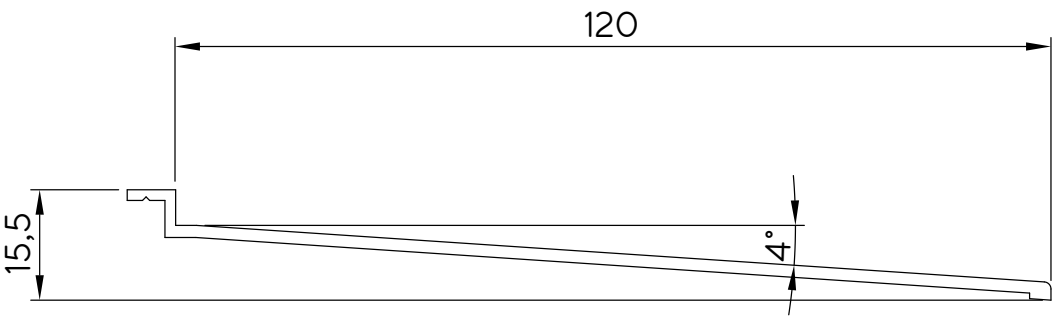
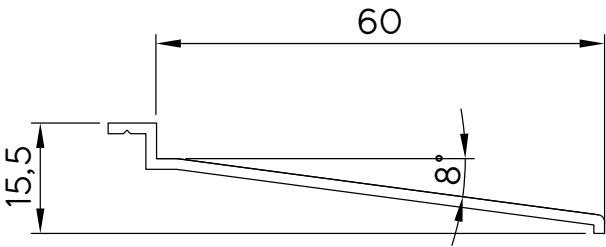
18 Sliding panel to triple frame (jamb) detail



19 Sliding panel to triple frame (top track) detail

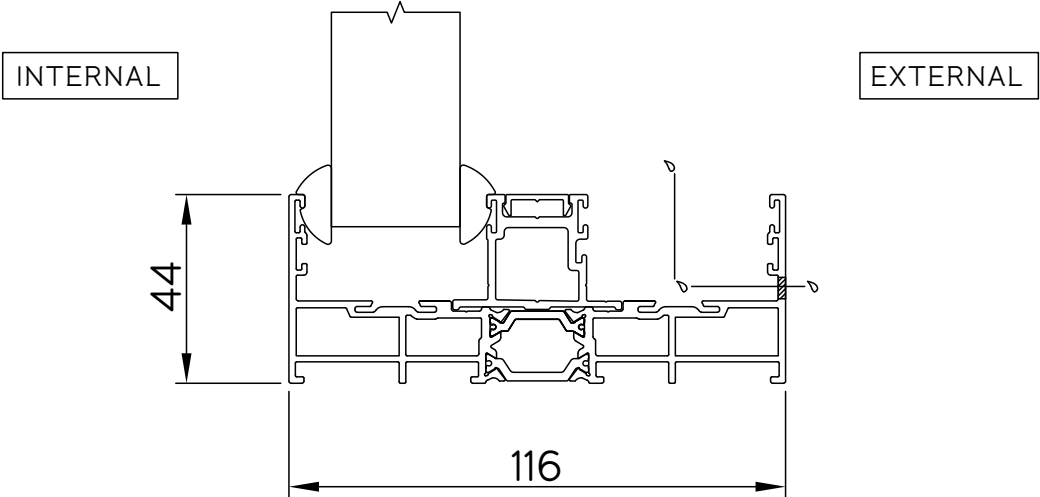


20 Drip bar (optional extra)

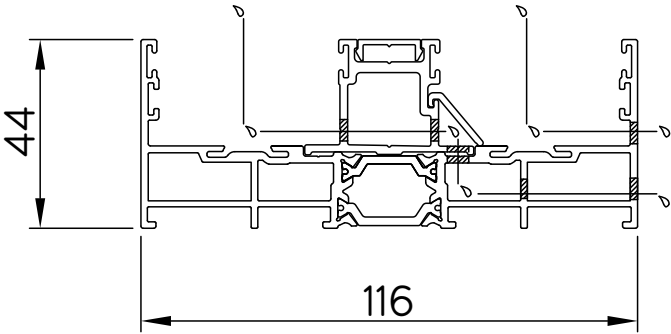


21 Drainage details double frame

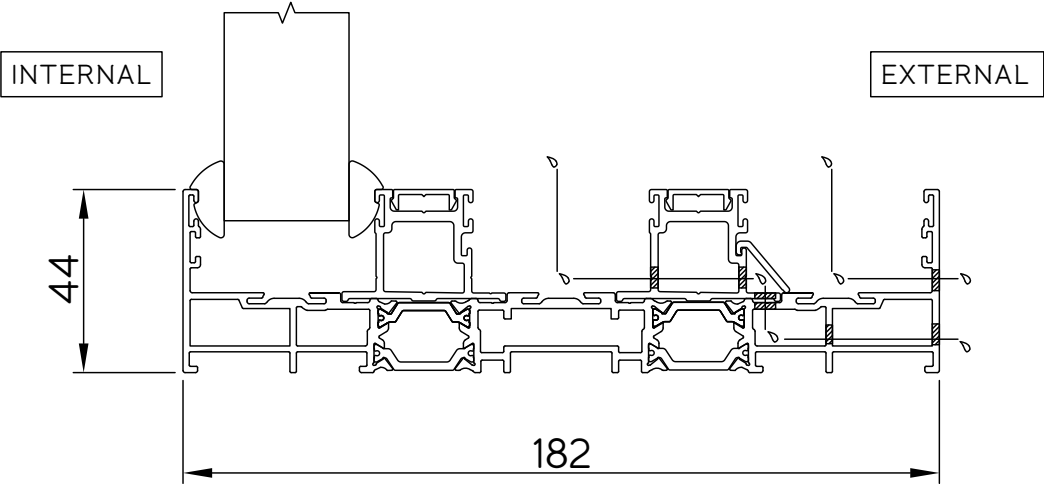
Frame Drainage with Fixed Panel



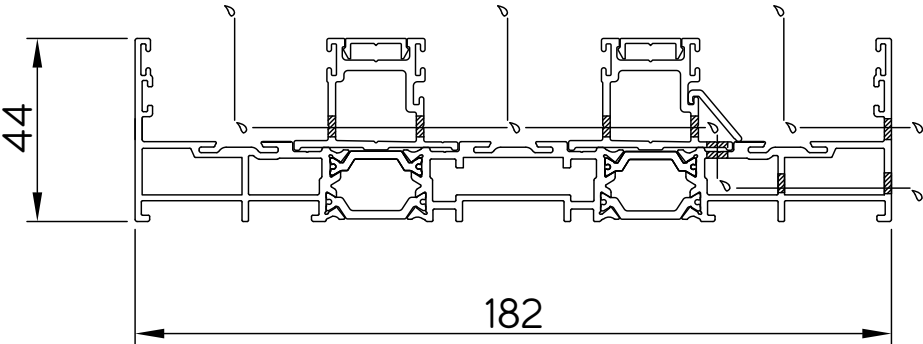
Frame Drainage



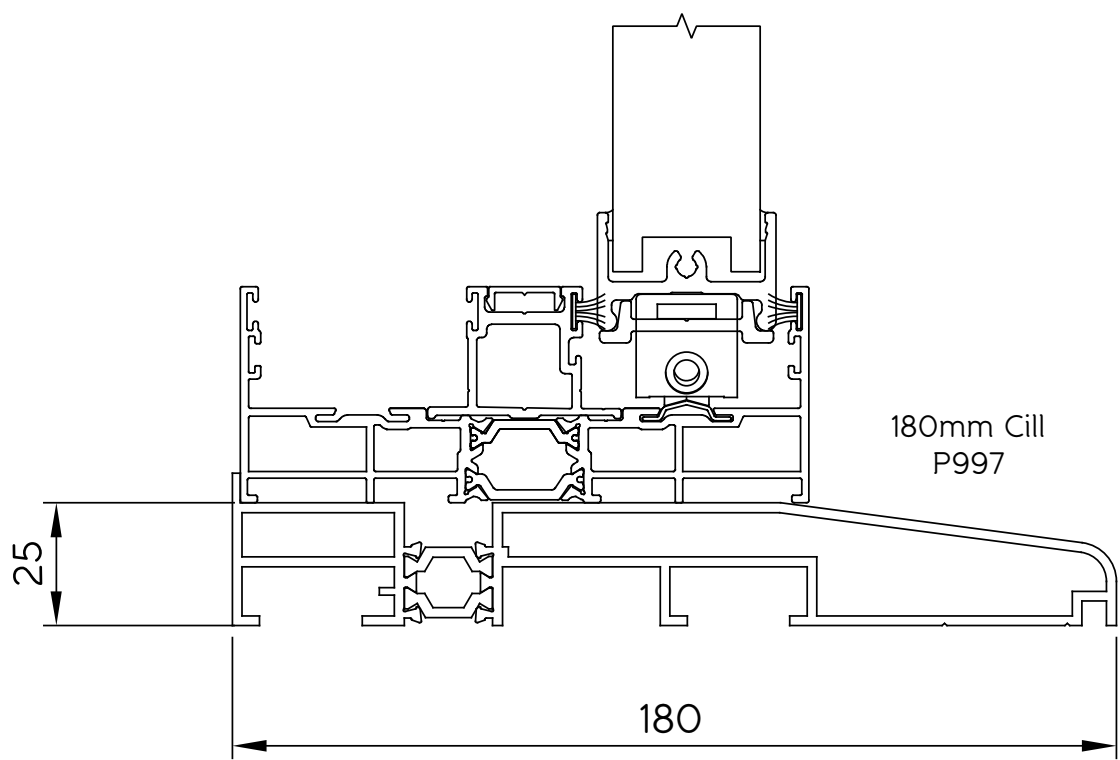
22 Drainage details triple frame



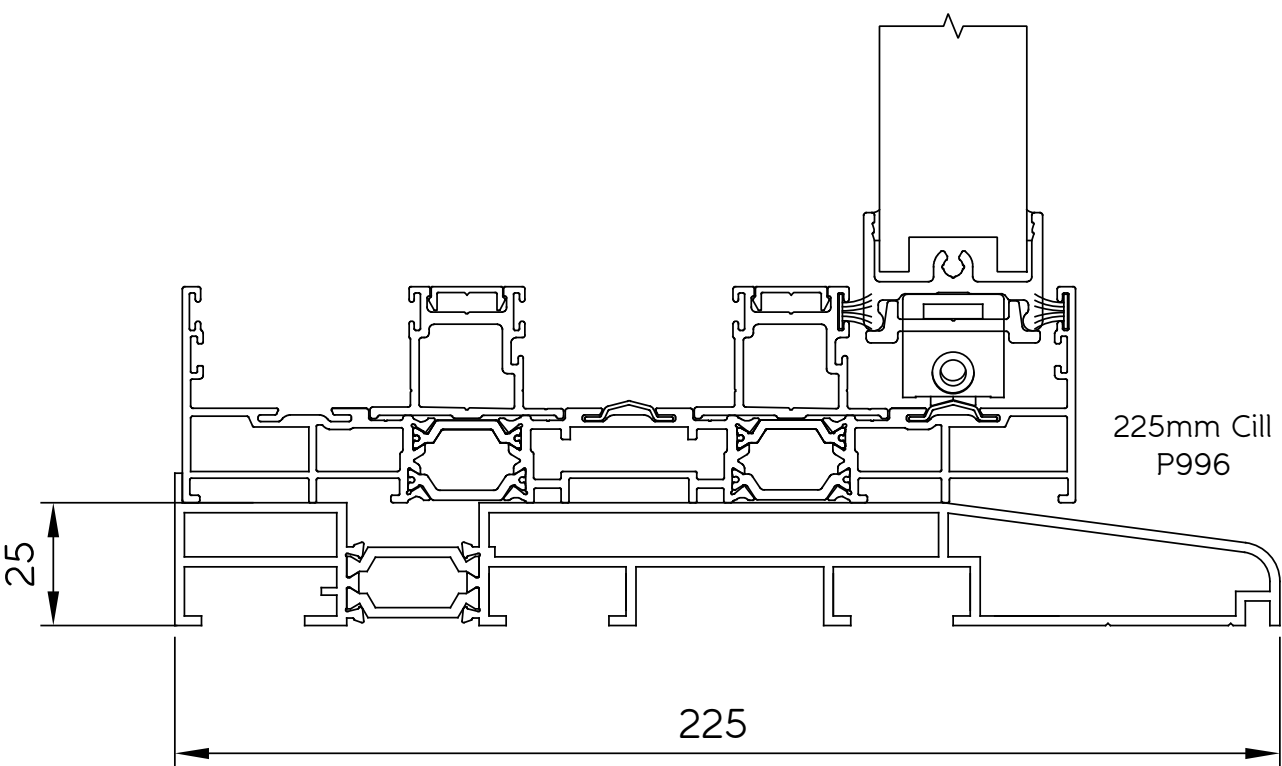
Frame Drainage



23a Cill details double frame

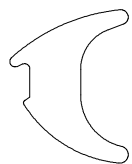


23b Cill details triple frame



Gaskets

Fixed Panel Wedge Gasket -
G00069



Sash Wedge Gasket
W401-3 - G00125



Sash Wedge Gasket
W401-4 - G00126



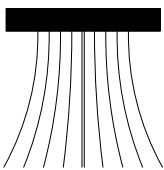
Sash Wedge Gasket
W401-5 - G00127



Sash Wedge Gasket
W401-6 - G00121

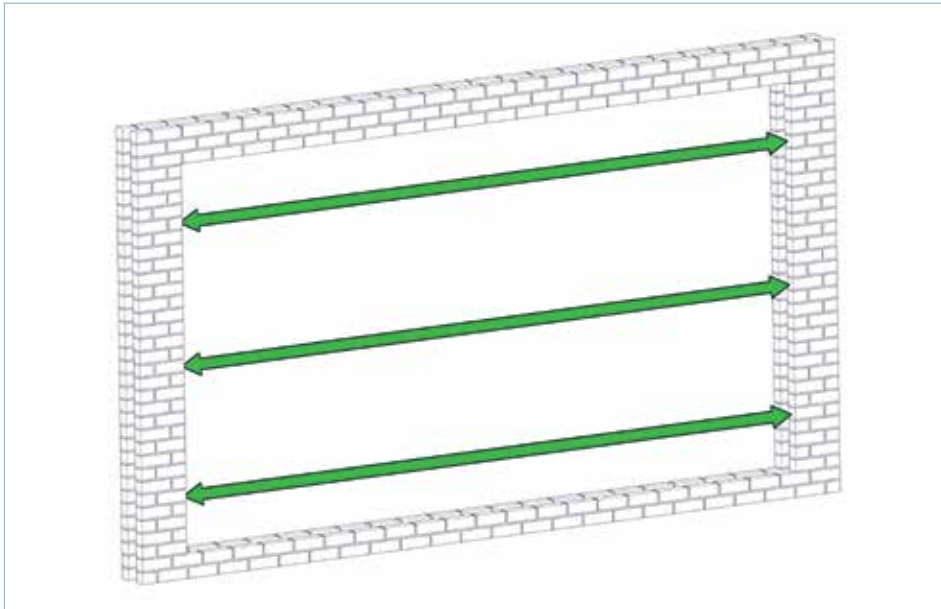


Woolpile_7x7mm
G00096



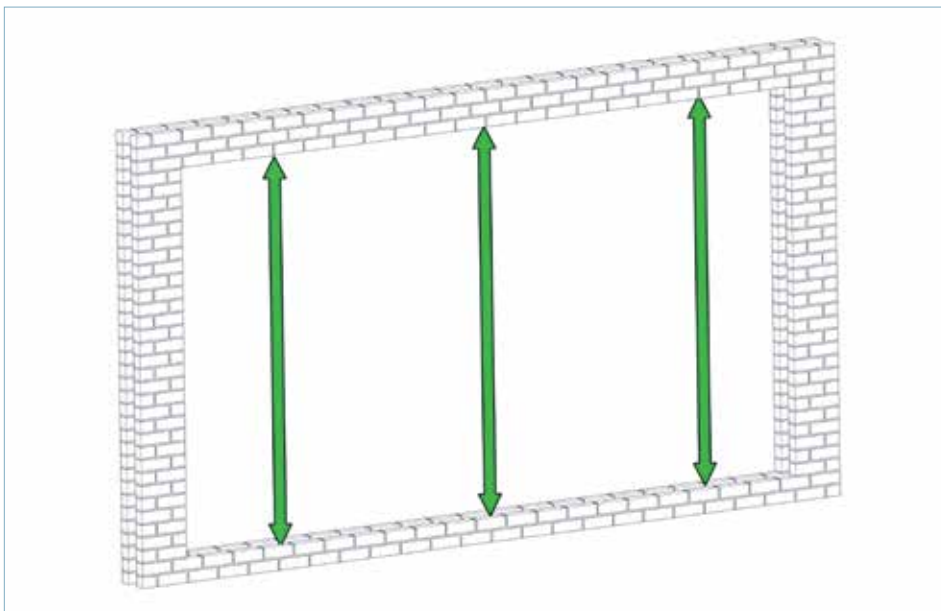
Installation Guide

1. Prepare the opening



Measure aperture width.

FIG 1



Measure aperture height.

FIG 2

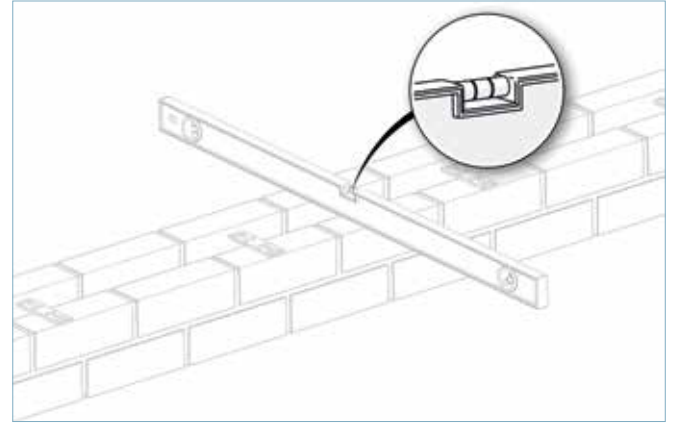
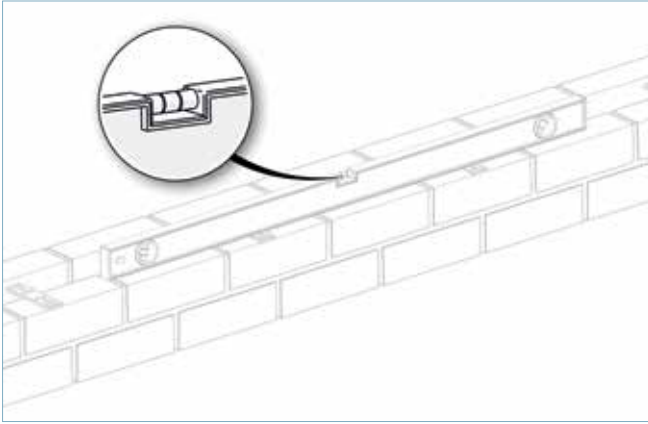
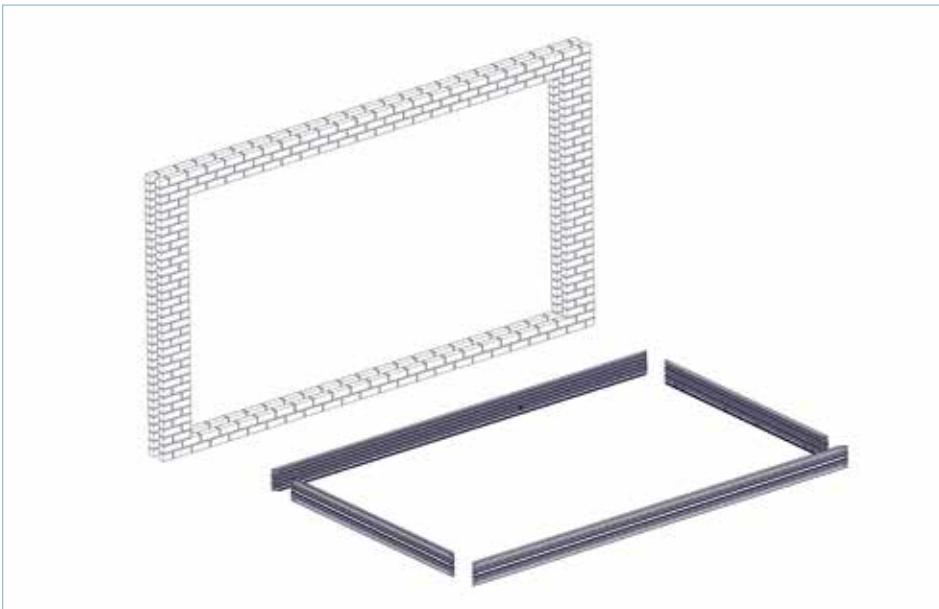


FIG 3

Level the threshold in both directions, packing every 500mm apart for the length of the opening.



Lay frame profiles in front of aperture, being careful not to scratch the powder coat.

FIG 4

2. If applicable, join the top/ bottom frame profiles together

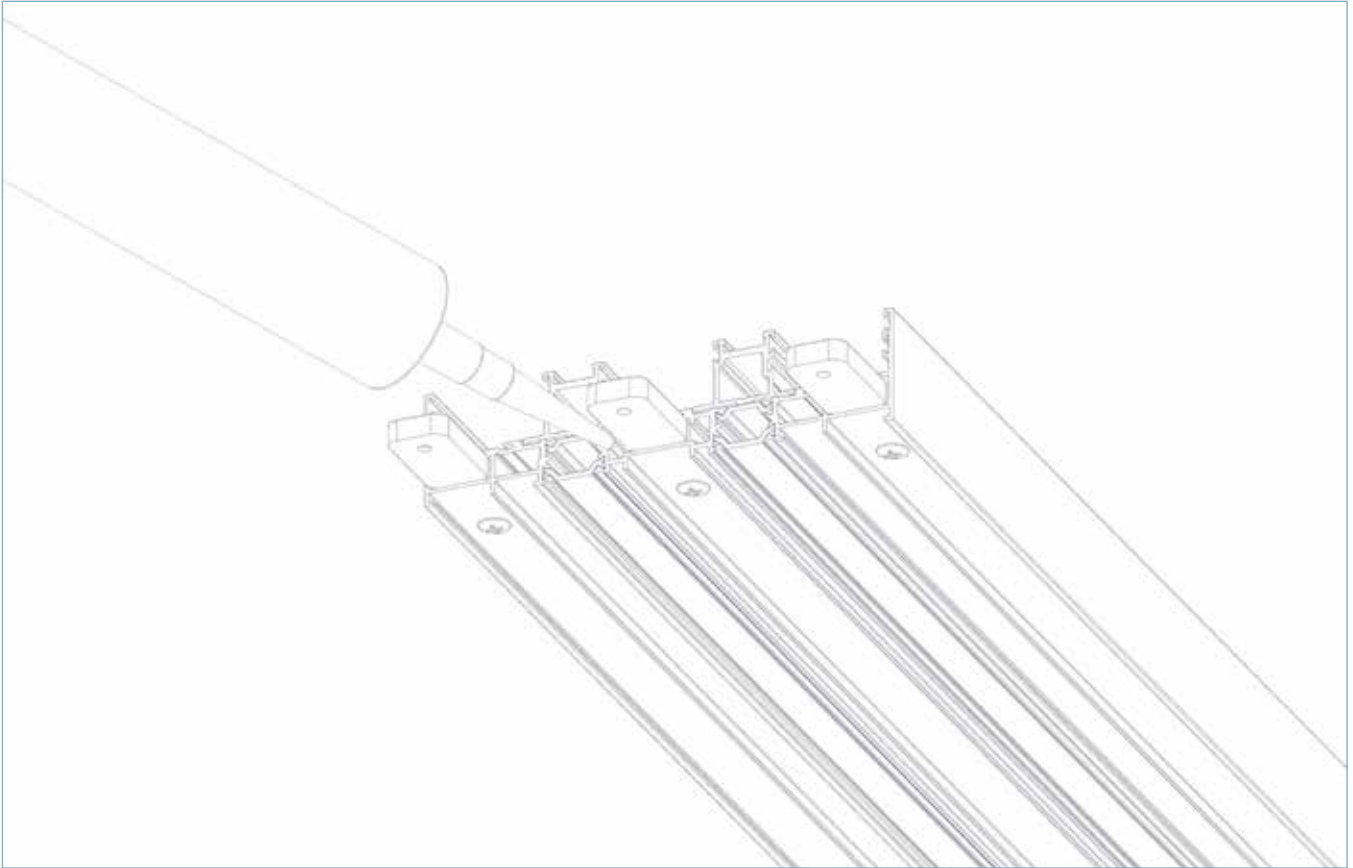
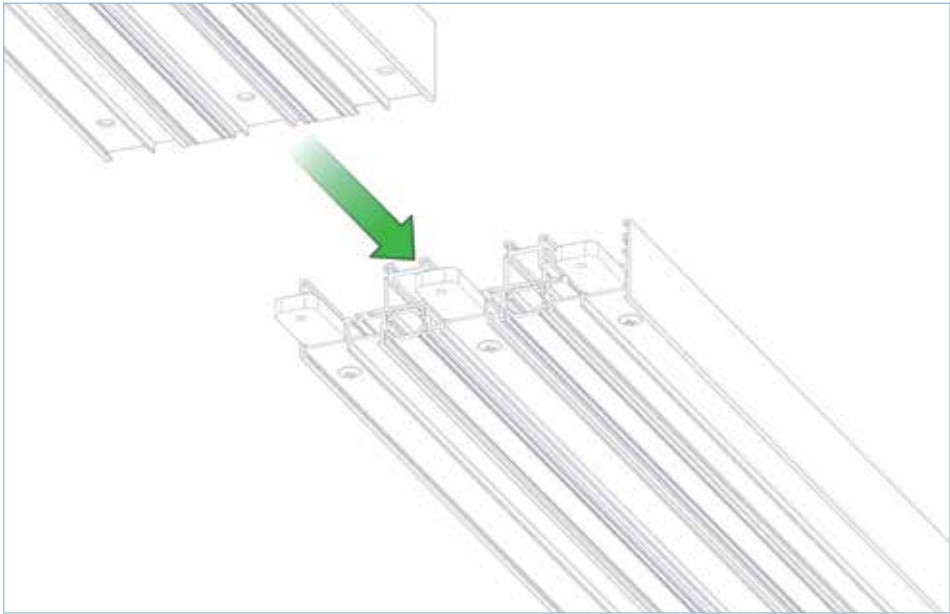


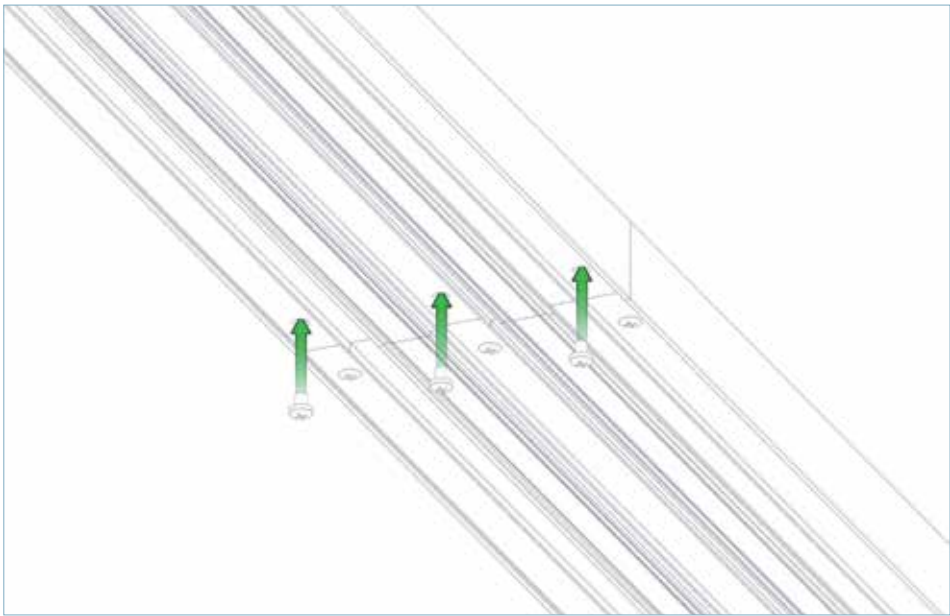
FIG 5

Apply suitable sealant on ends of profile and around the pre-inserted frame connectors.



Connect the frame profiles together.

FIG 6



Fix the frame profiles together and repeat for remaining frame pieces.

FIG 7

3. Connect the jambs and bottom track

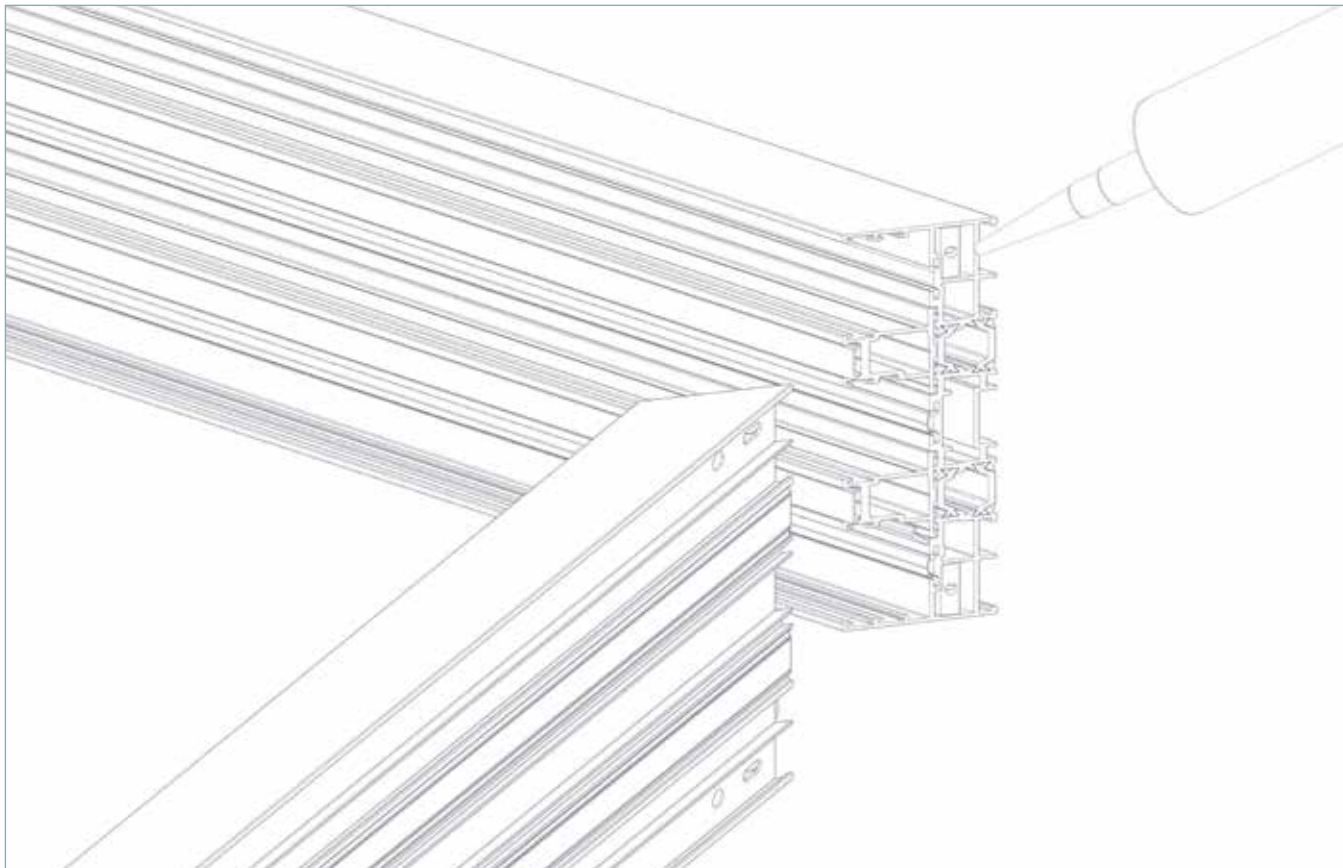
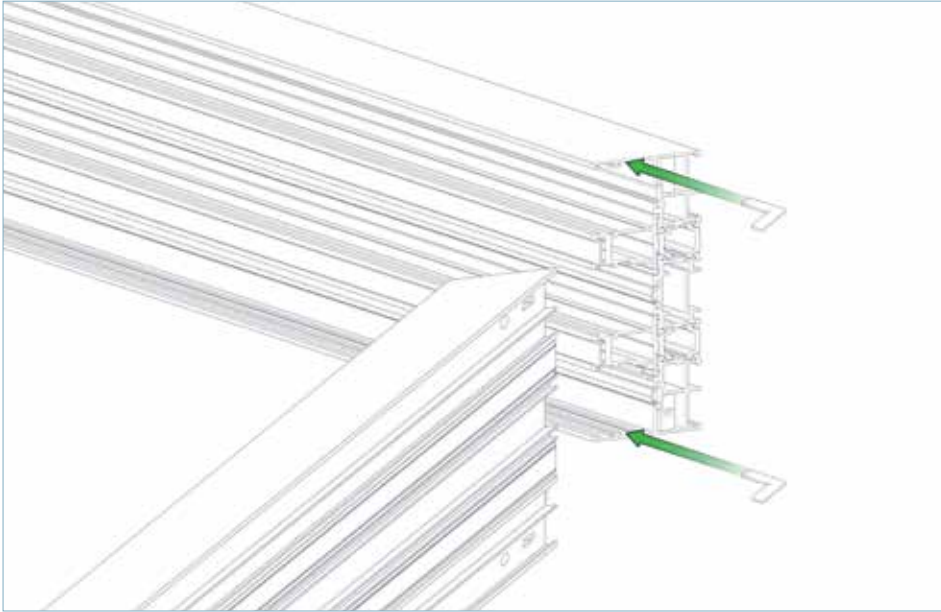


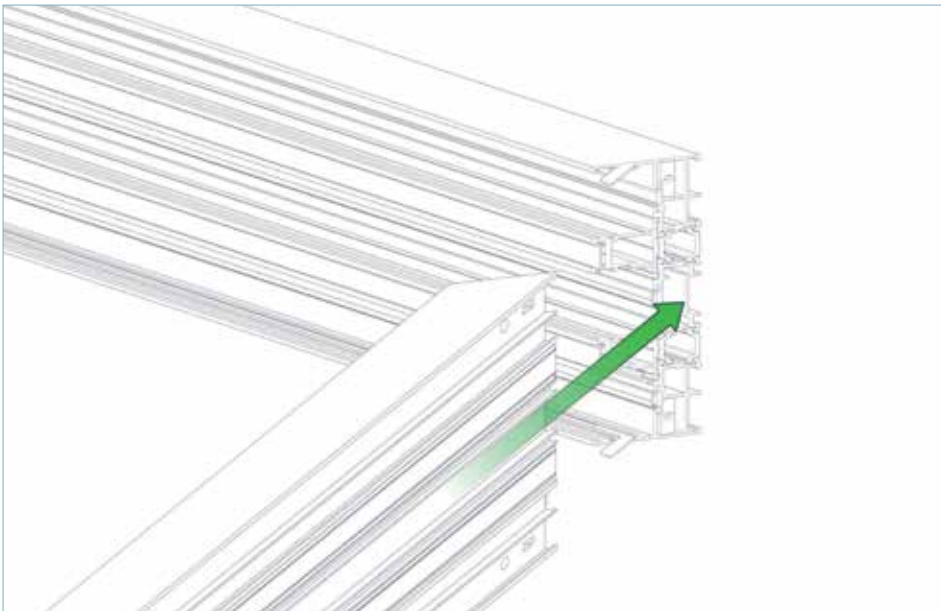
FIG 8

Apply suitable sealant to profile ends.



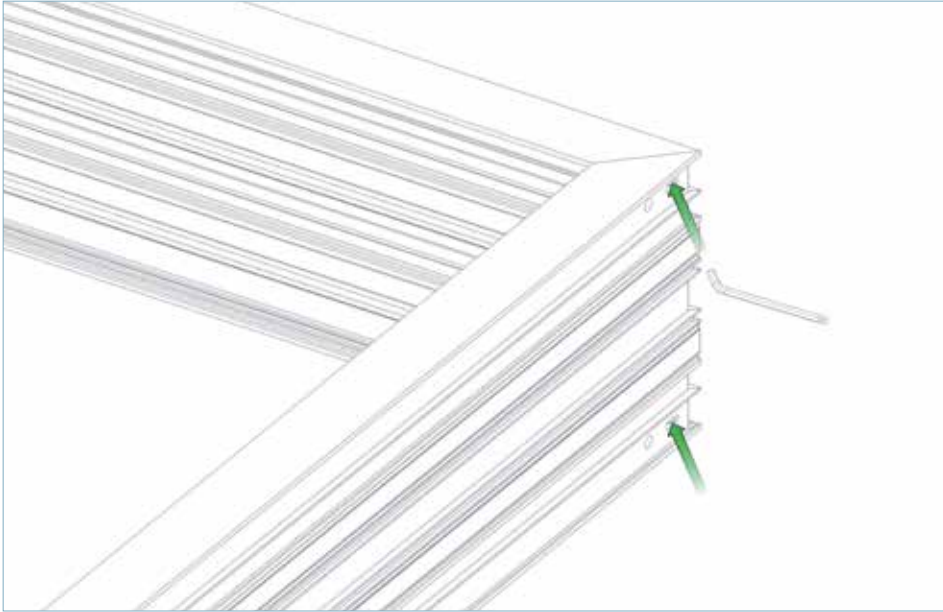
Insert alignment cleats to the frame. If set includes a fixed panel, one alignment cleat is required per corner and should be fitted in 25mm rebate.

FIG 9



Join jamb to bottom track.

FIG 10



Tighten the cleat join with a 4mm Allen Key and screws provided.

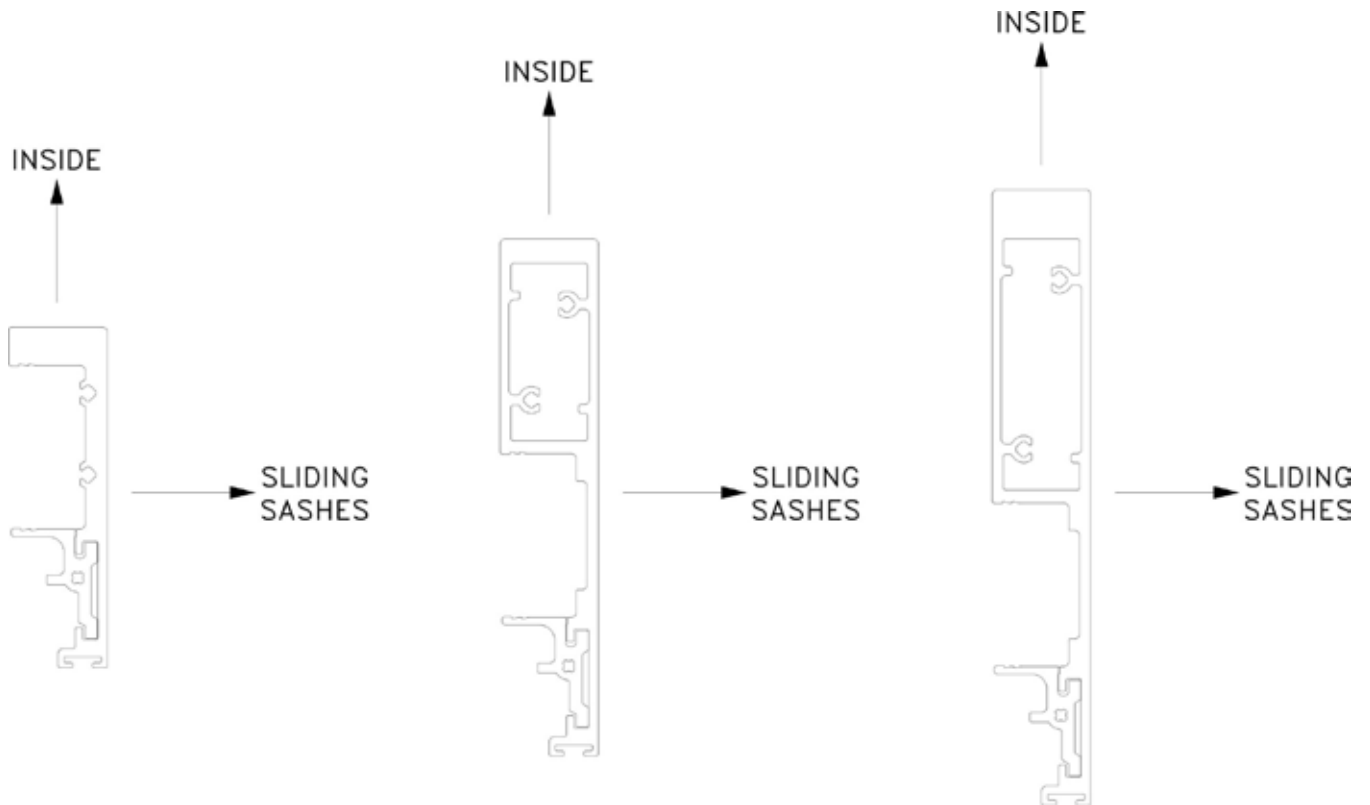
FIG 11



Check join, remove excess sealant and repeat process for second jamb.

FIG 12

4. If applicable, connect the fixed interlocker (only applicable for sets with fixed panels)



Note: Flush fixed interlockers do not require end plates.

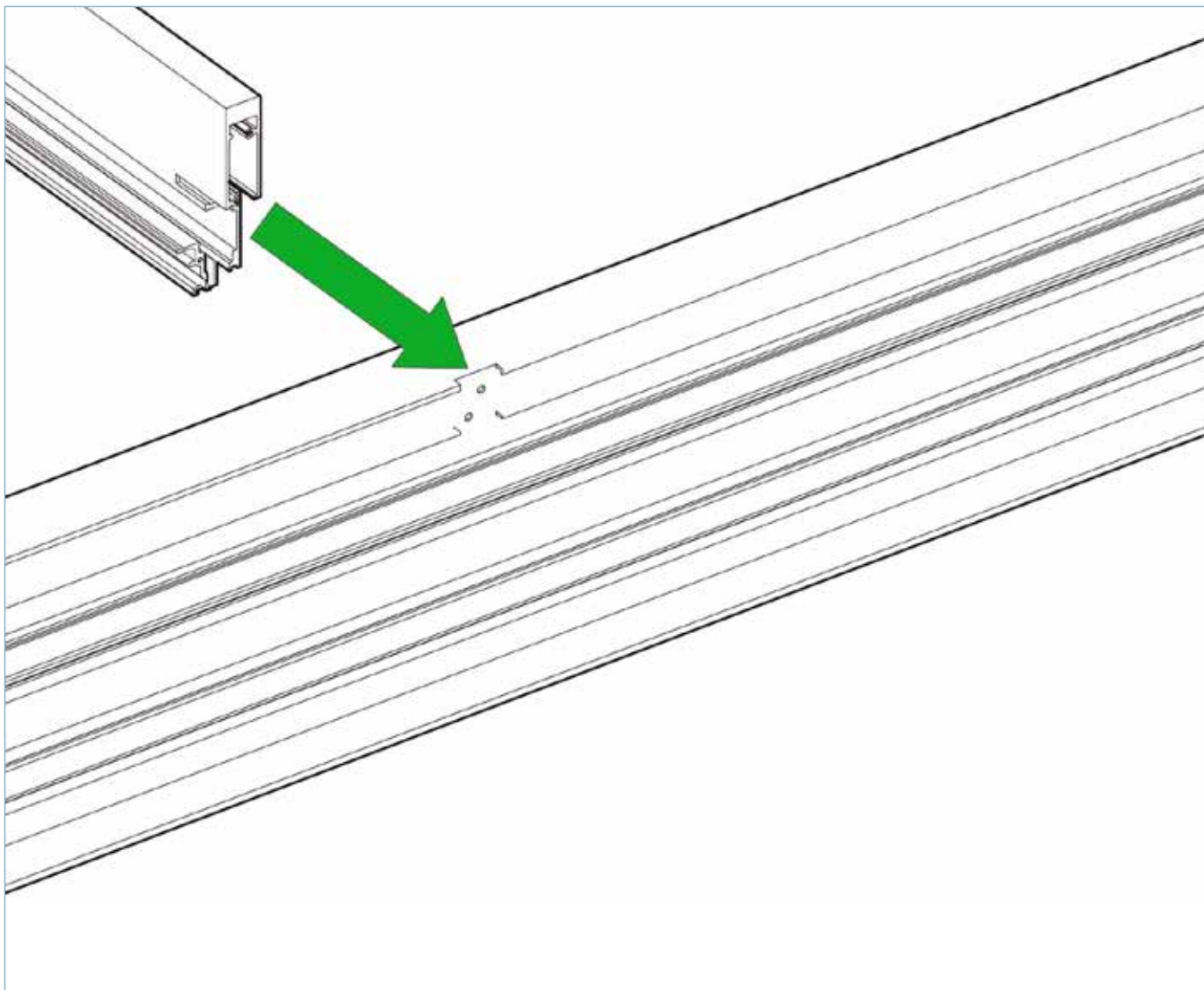
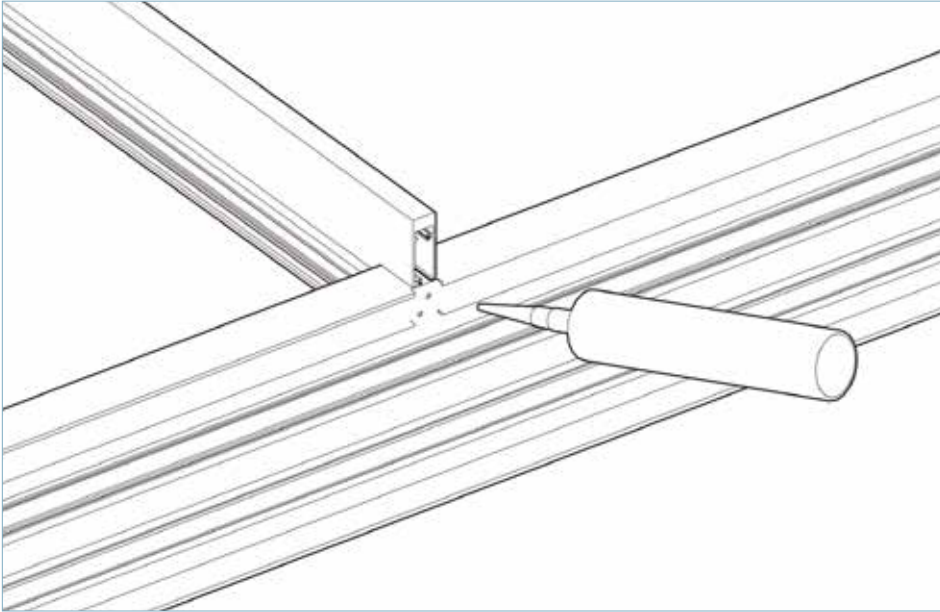


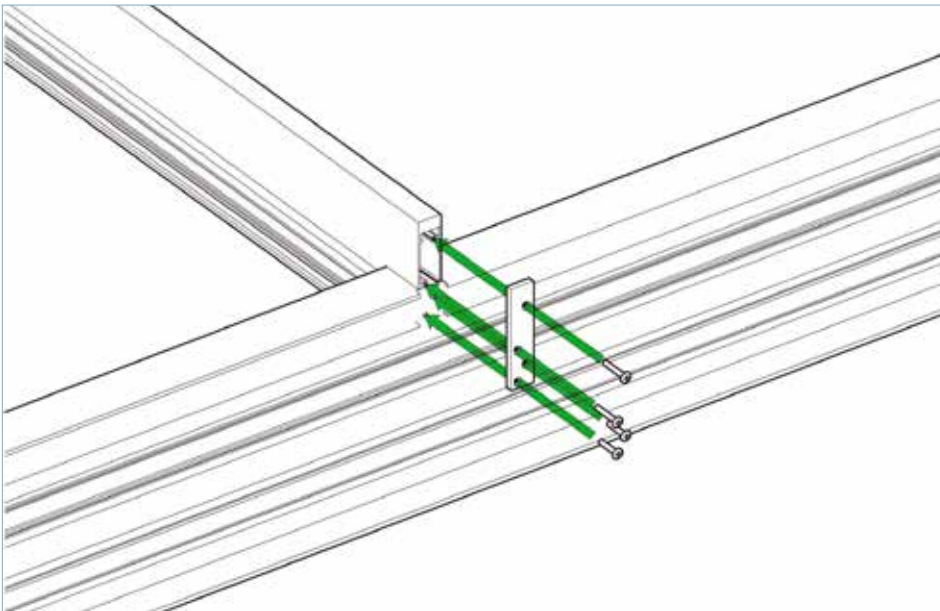
FIG 13

Align fixed interlocker to notch on bottom track. Ensure profile position is as per sections above.



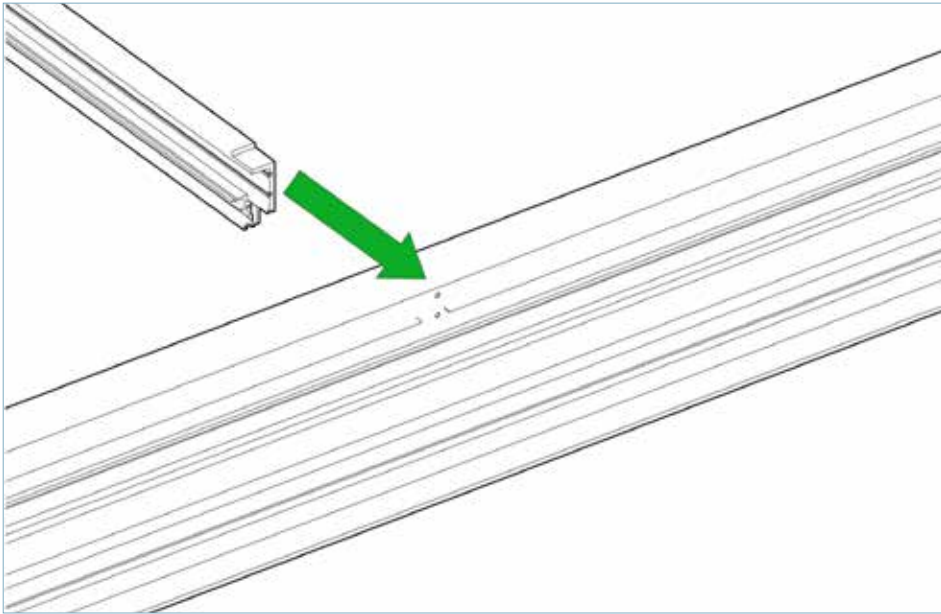
Seal holes with a suitable sealant.

FIG 14



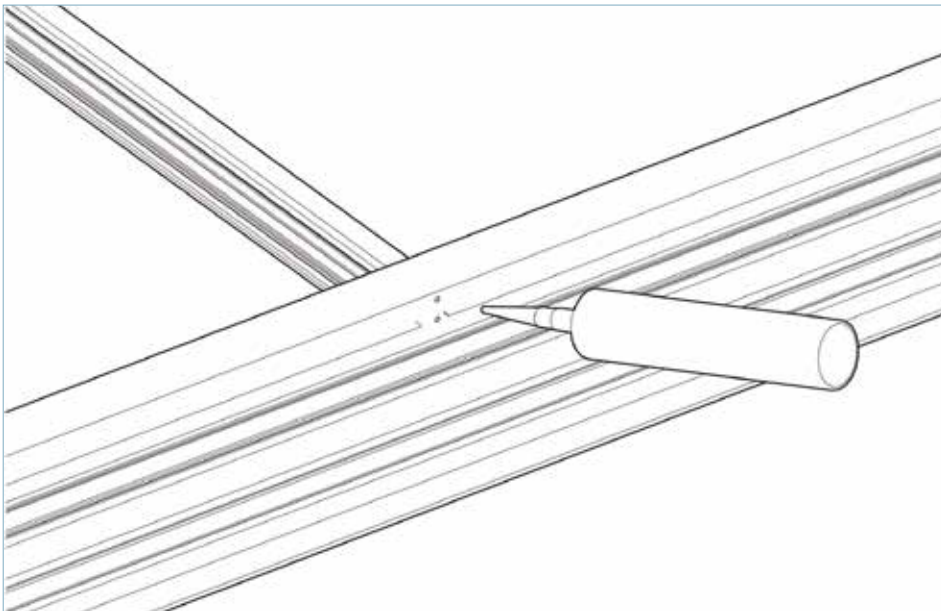
Fix interlocker end plate with 3.9 x 16mm screws. Repeat process at both ends of profile.

FIG 15



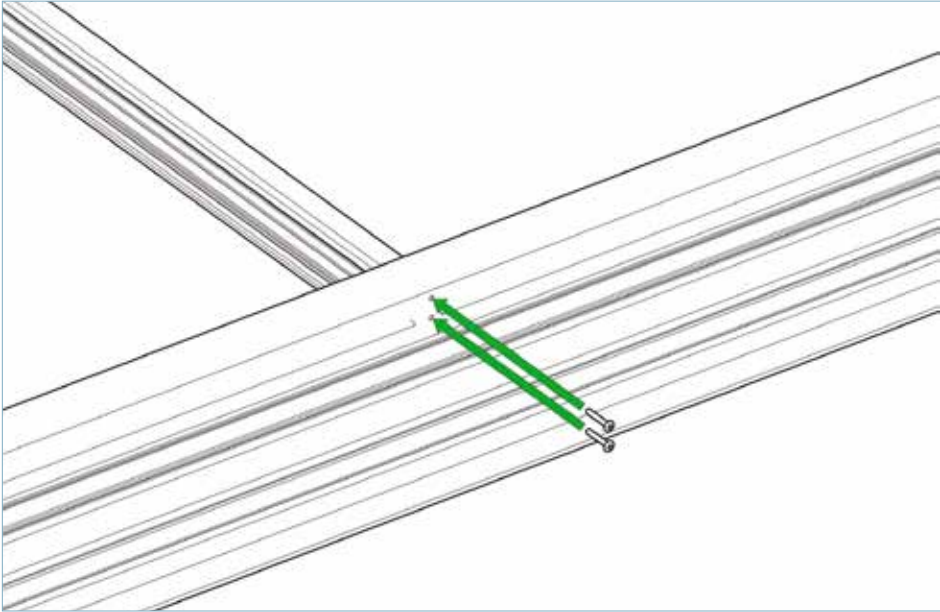
Align flush fixed interlocker to notch on bottom track. Ensure profile position is as per sections above.

FIG 16



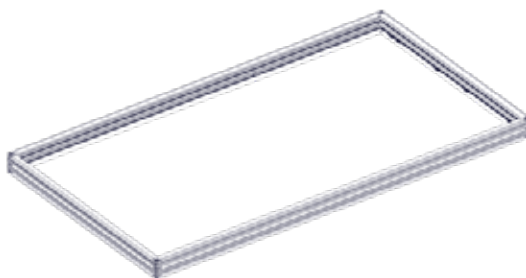
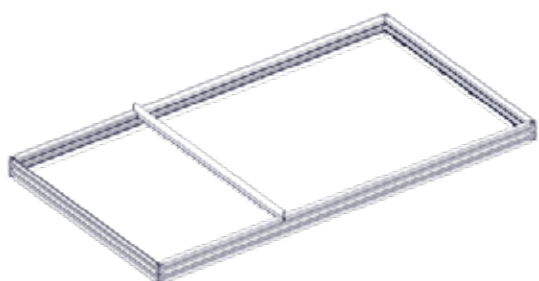
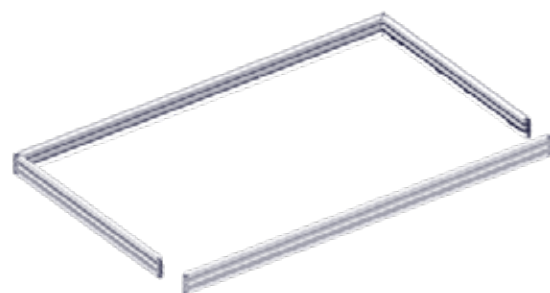
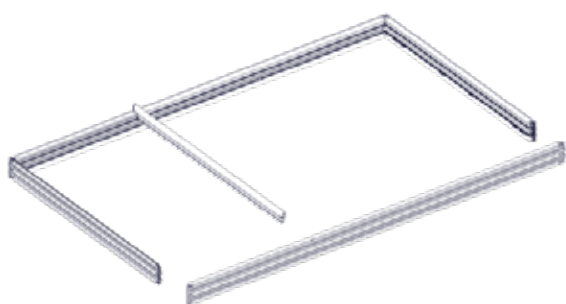
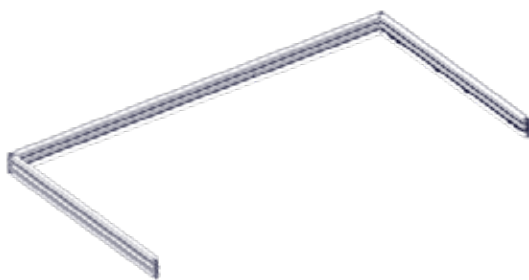
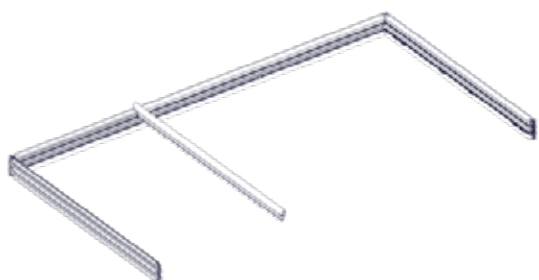
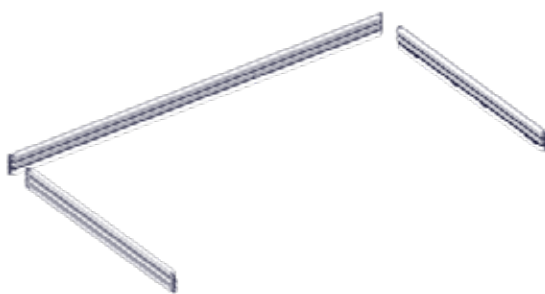
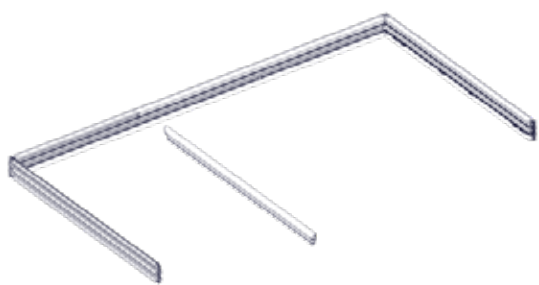
Seal holes with a suitable sealant.

FIG 17

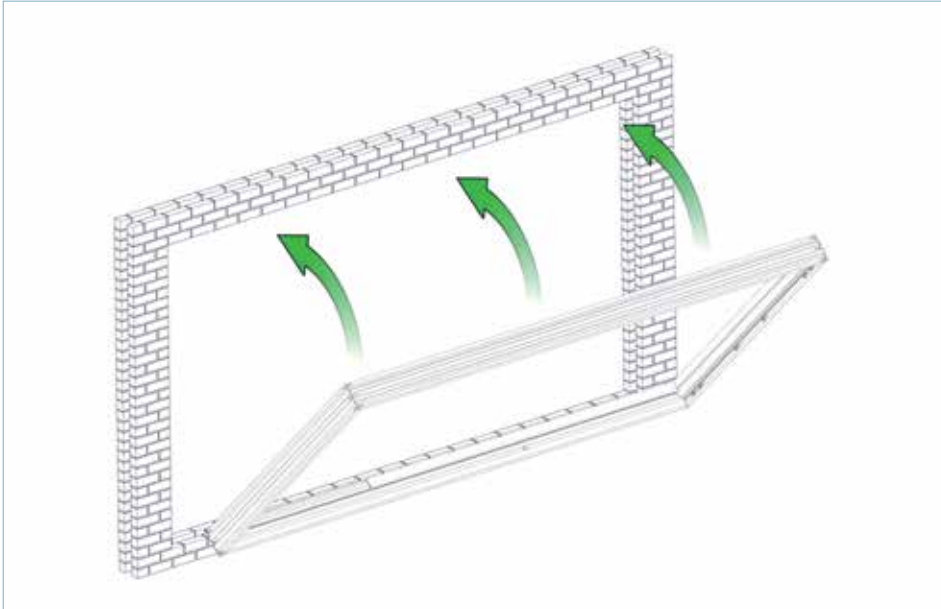


Fix interlocker in place with 3.9 x 16mm screws. Repeat process at both ends of profile.

FIG 18

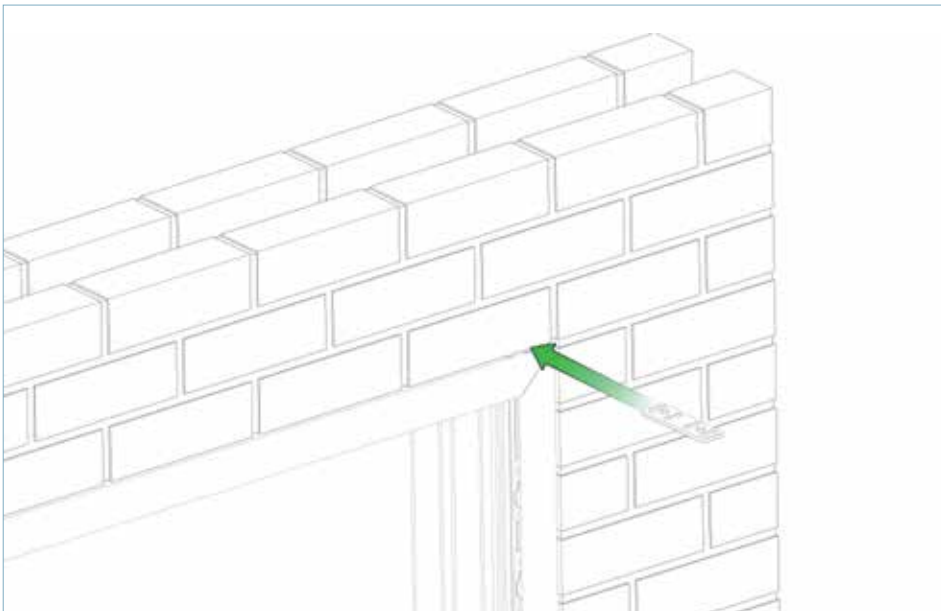


5. Lift the frame into the aperture



Lift frame into the aperture, ensuring drainage caps are situated externally.

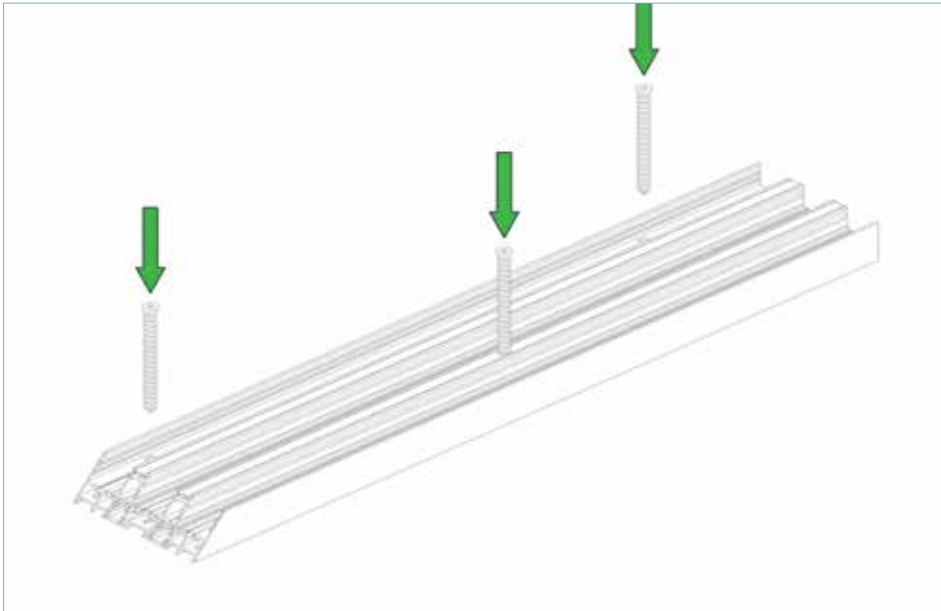
FIG 20



Insert packers above both jambs.

FIG 21

6. Fix the bottom track



Where possible, fixing points should be on both sides of the frame, in a zig-zag pattern.

FIG 22

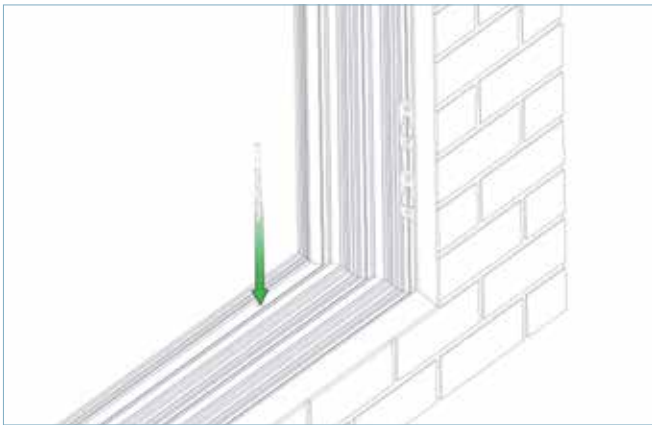


FIG 23

Use an HSS bit to drill and countersink an appropriate sized fixing hole through the frame. This should be no more than 150mm from the external corner of the frame.

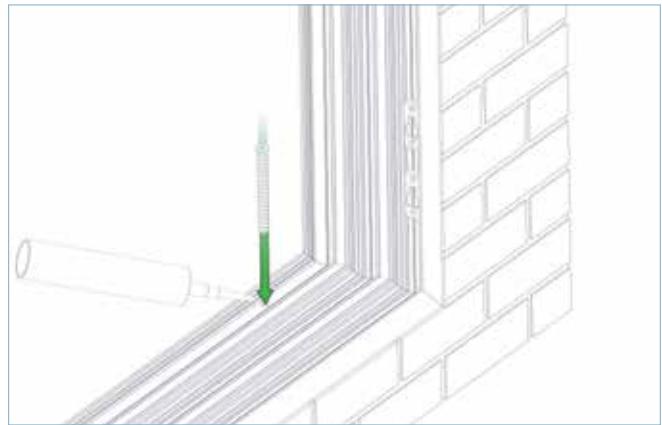
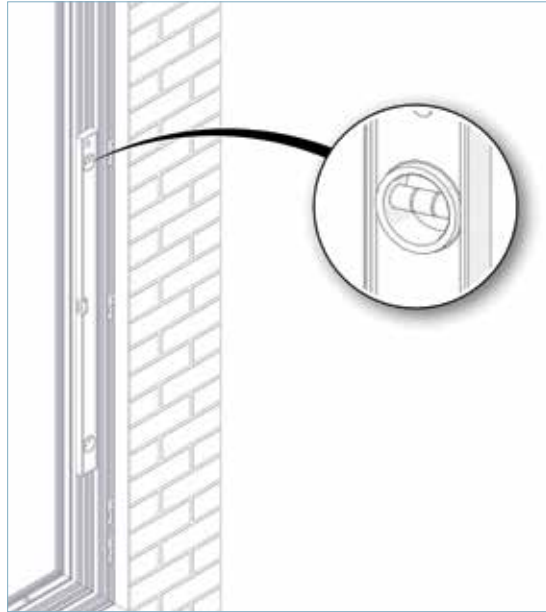
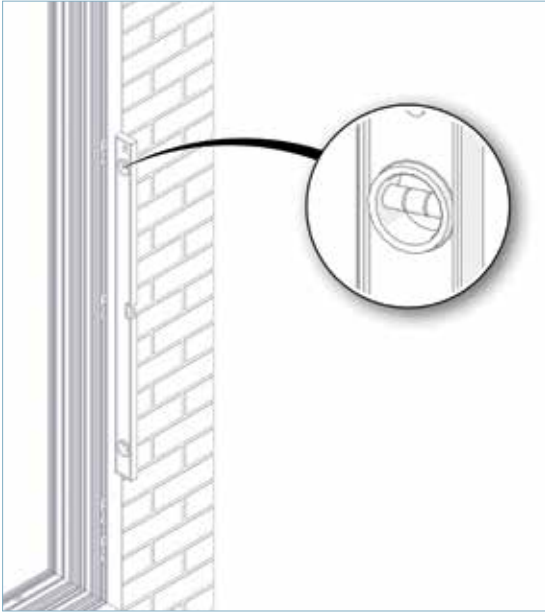


FIG 24

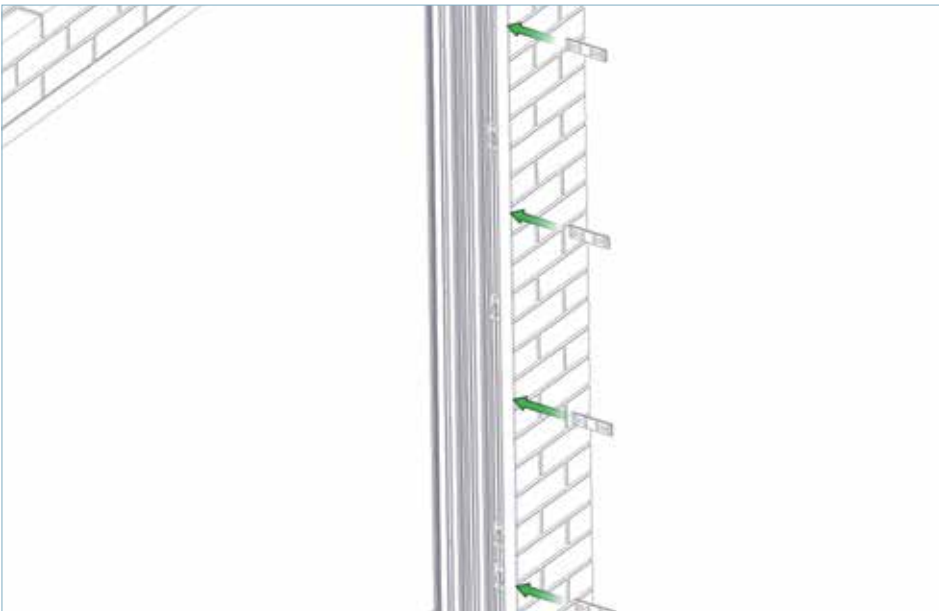
Insert suitable sealant to fixing hole, then screw preferred fixing in place. Repeat process along the bottom track, ensuring fixings are within 900mm intervals.

7. Level and fix both jambs



Level out
jambs in both
directions.

FIG 25



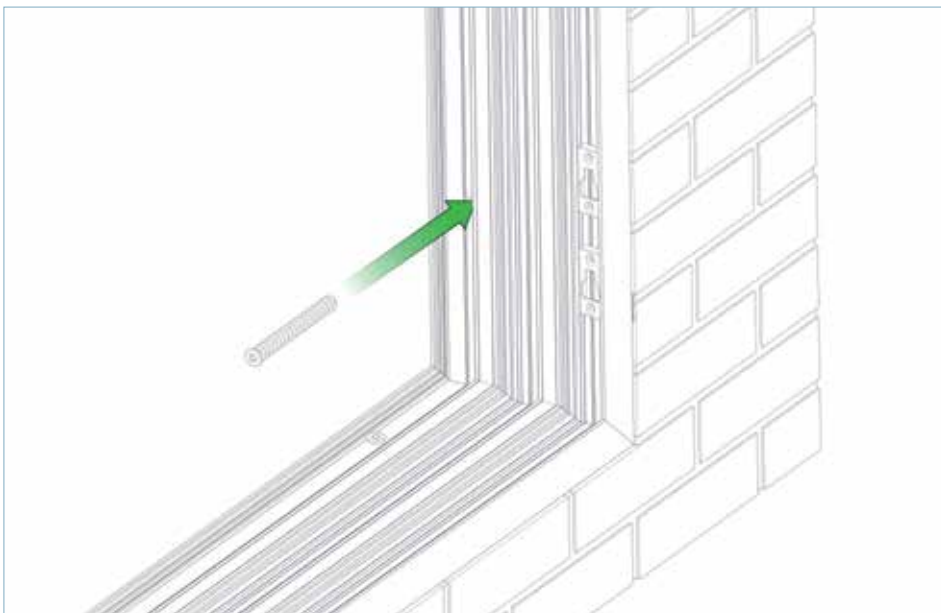
Pack out jambs accordingly
when level.

FIG 26



Use an HSS bit to drill and countersink an appropriate sized fixing hole through the frame. This should be no more than 150mm from the external corner of the frame.

FIG 27



Screw preferred fixing in place. Repeat process along the jambs, ensuring fixings are within 600mm intervals.

FIG 28

8. Fix the top track



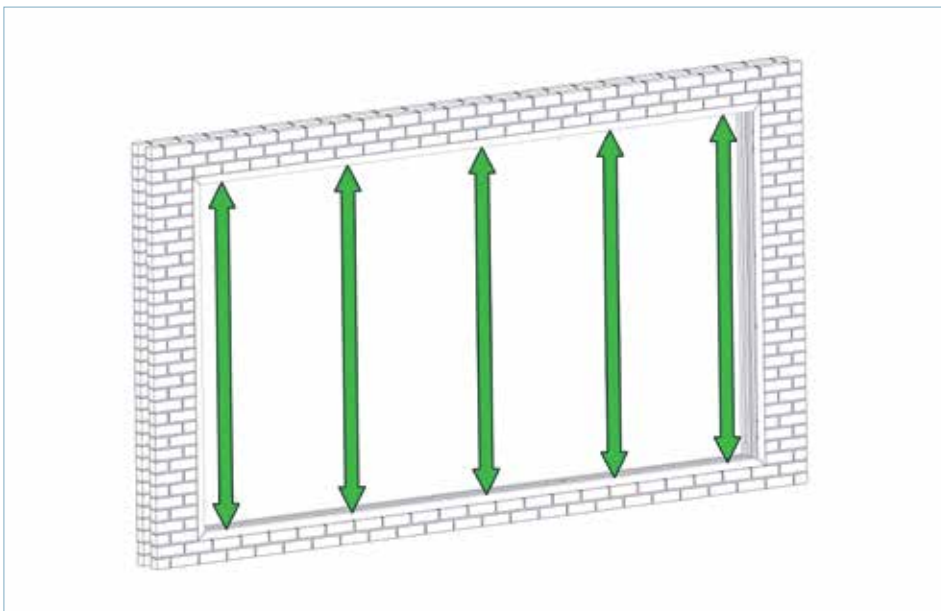
FIG 29

Use an HSS bit to drill and countersink an appropriate sized fixing hole through the frame. This should be no more than 150mm from the external corner of the frame.



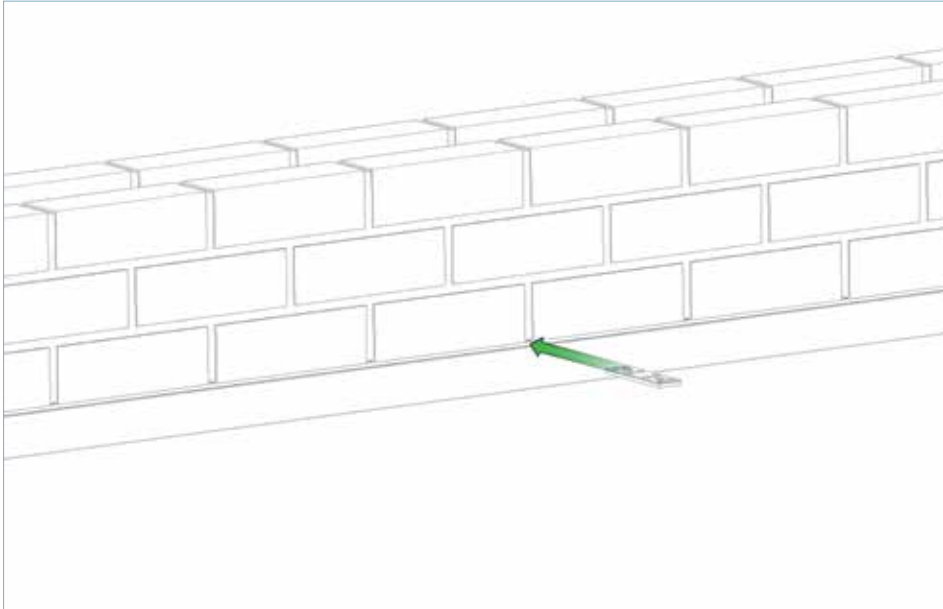
Insert suitable sealant to fixing hole, then screw preferred fixing in place. This must be done at both ends of the top track.

FIG 30



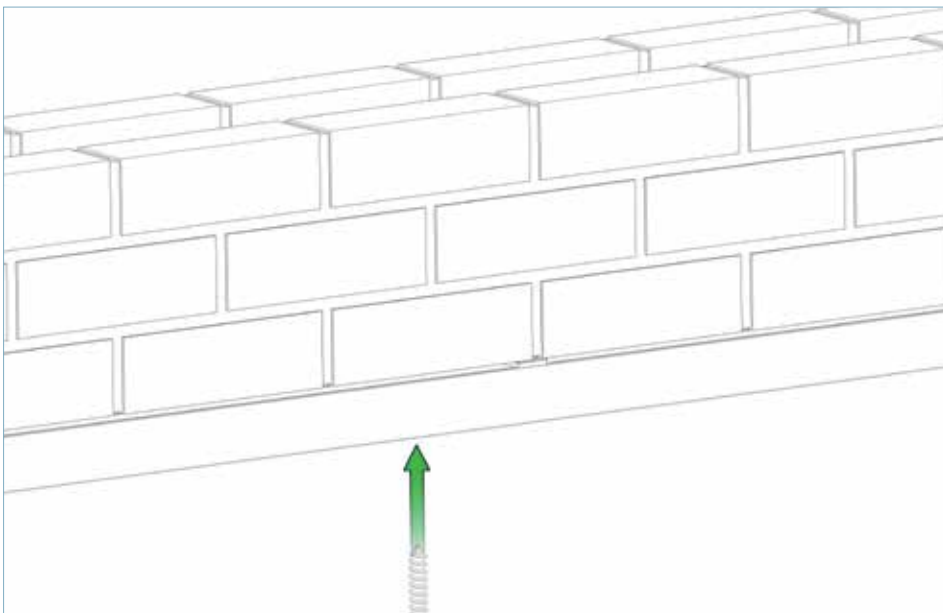
Accurately measure the internal frame dimensions.

FIG 31



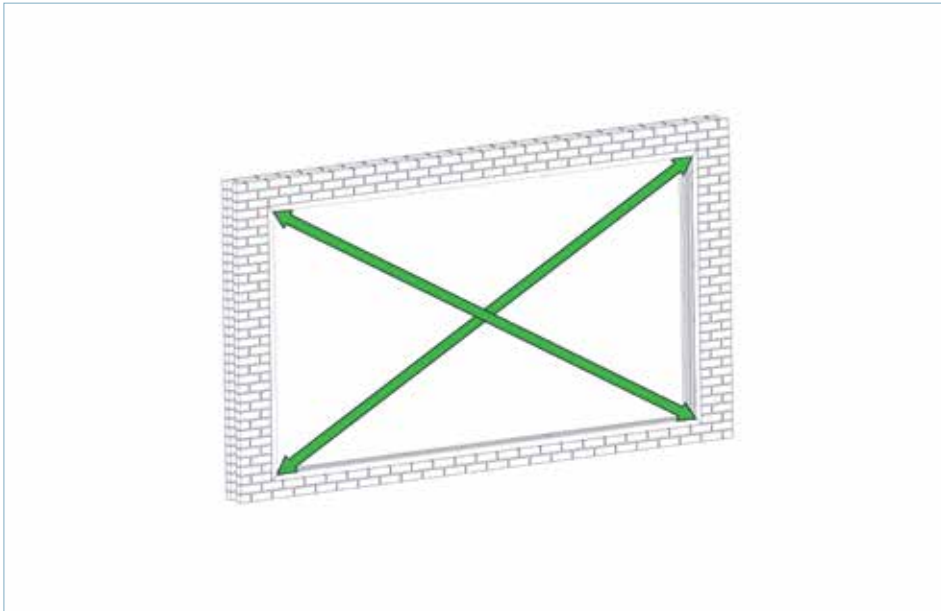
Pack out across the top track for consistent internal frame sizes. Ensure the track doesn't bow in any direction.

FIG 32



Use an HSS bit to drill and countersink an appropriate sized fixing hole through the frame. Insert sealant to fixing hole, then screw preferred fixing in place. Repeat process along the top track, ensuring fixings are within 900mm intervals.

FIG 33



Measure diagonally from corner to corner to check the frame is square.

FIG 34

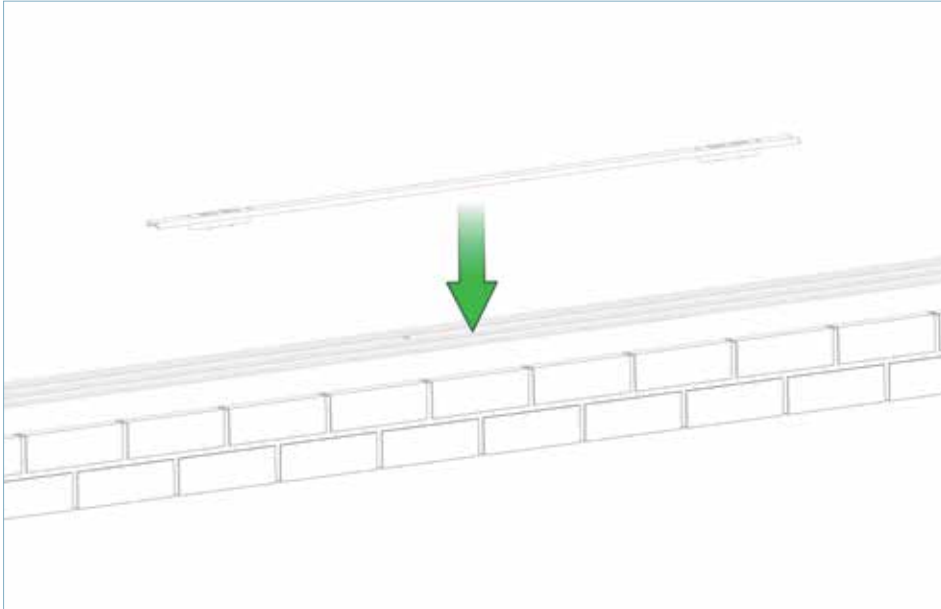


Seal the drainage isolator in place, ensuring ends of profile are sealed with edge of frame.

FIG 35

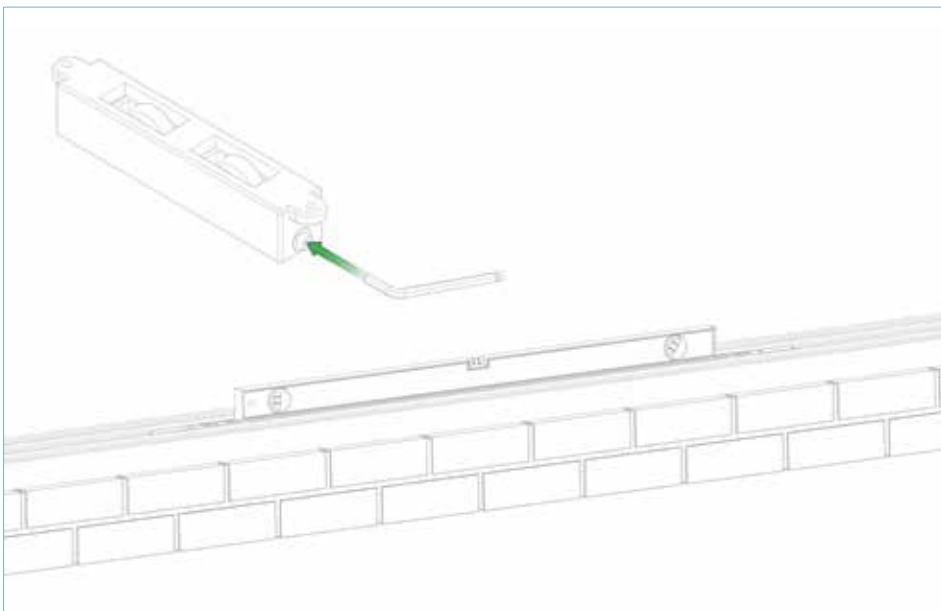
9. Install the sash

Install sashes, working from inside to outside.



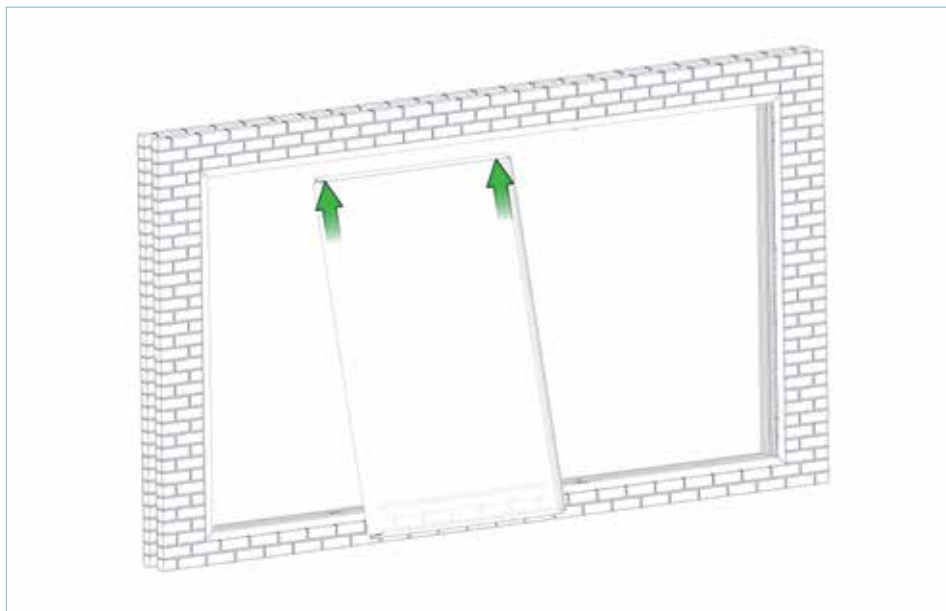
Insert all running gear profiles into necessary track channels.

FIG 36



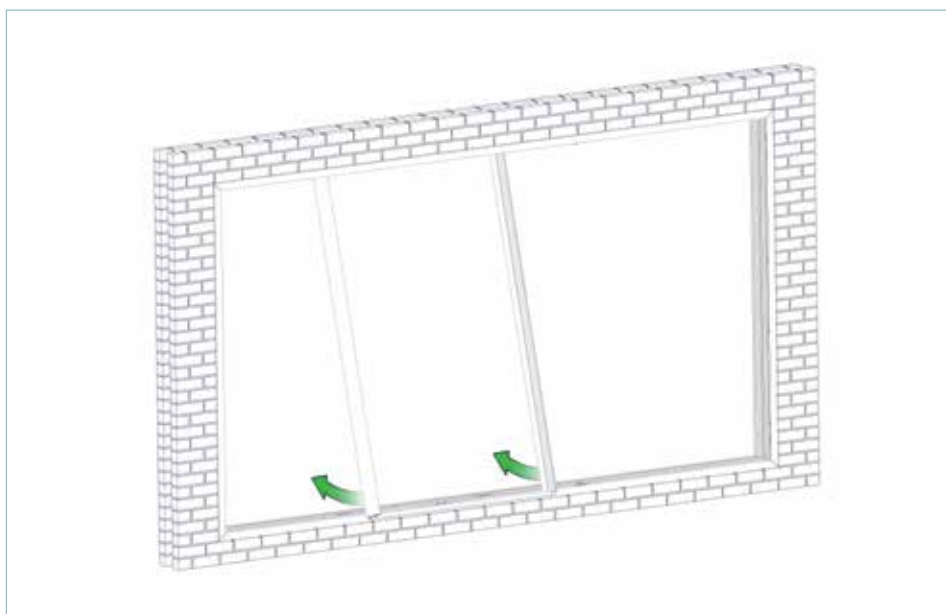
Level the running gear profiles by adjusting the roller height with a 3mm Allen Key.

FIG 37



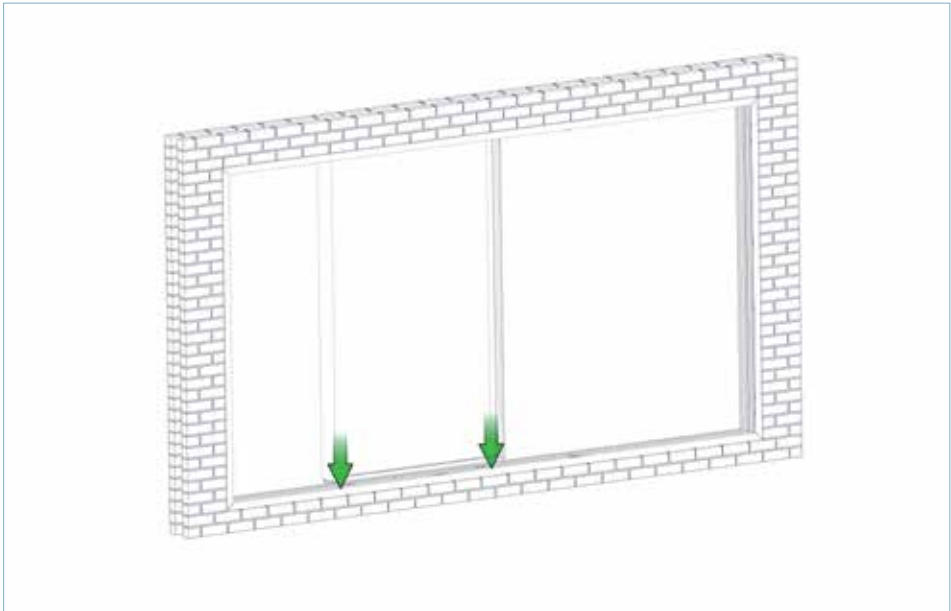
Insert top of sash into top track channel.

FIG 38



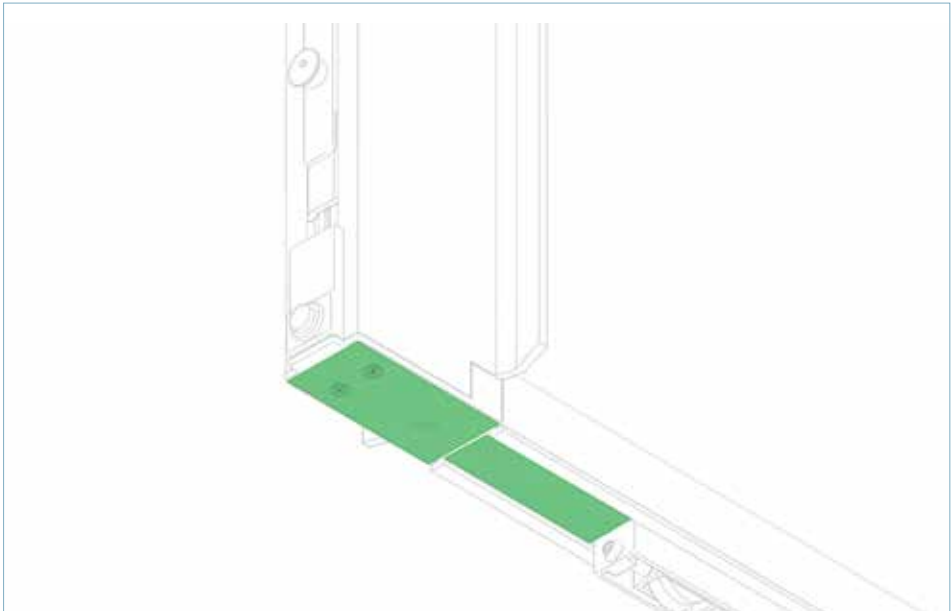
Swing bottom of sash above running gear.

FIG 39



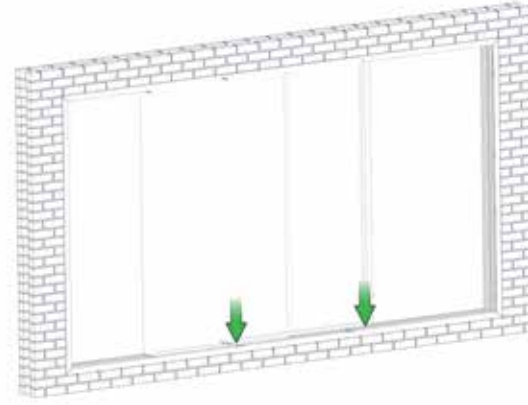
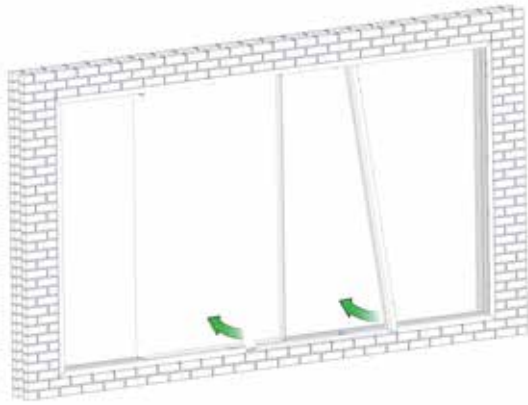
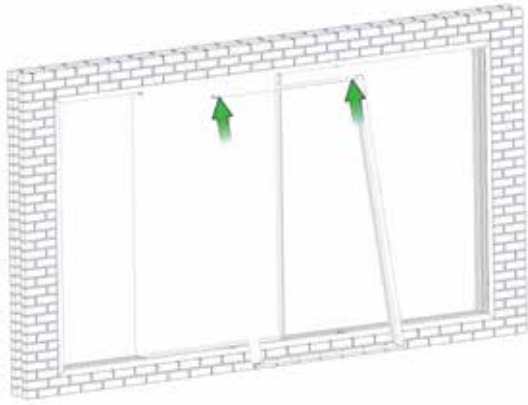
Drop sash on to running gear, ensuring the running gear sits within the bottom of the sash.

FIG 40



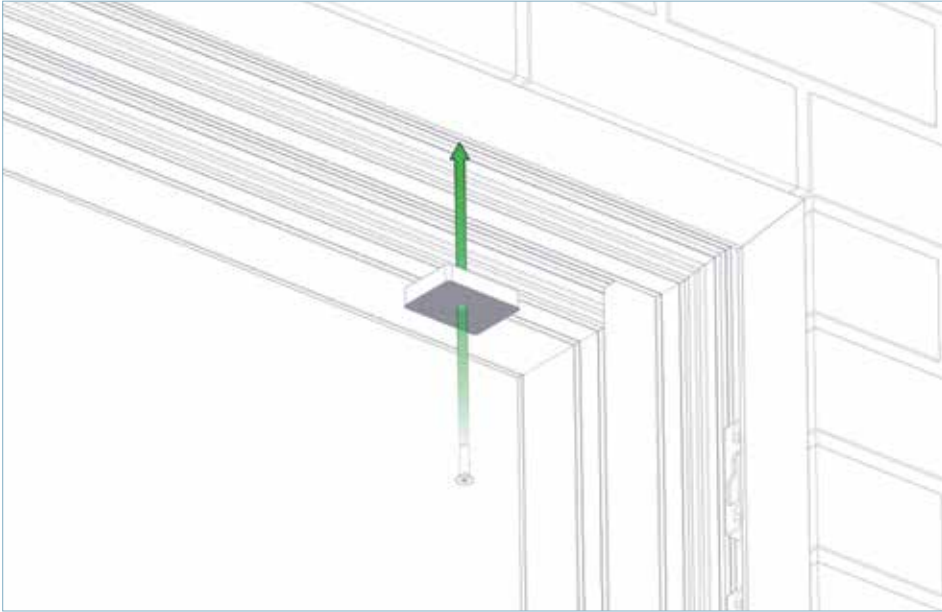
Check to ensure bottom of sash and running gear components are flush at both ends.

FIG 41



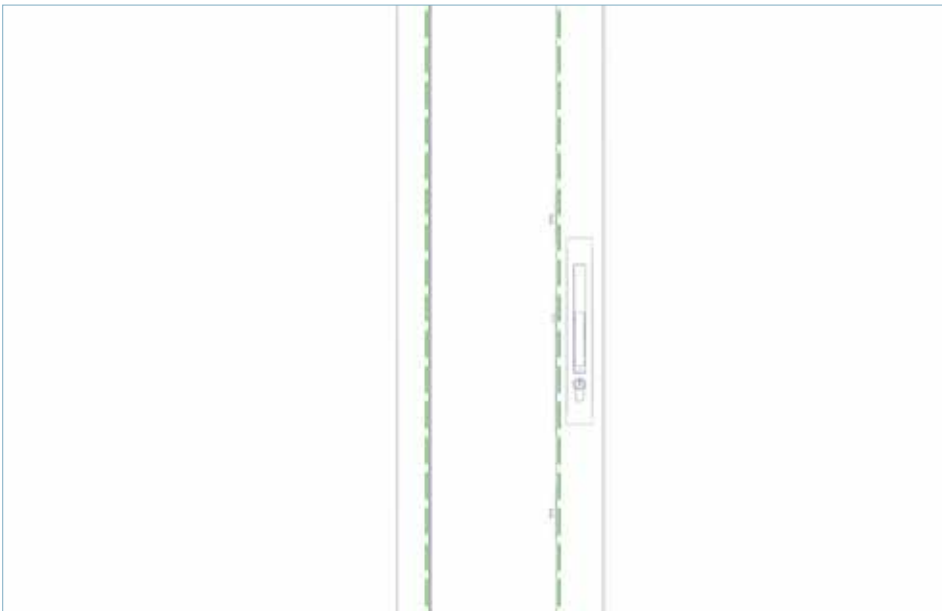
If applicable, repeat process for remaining sashes.

FIG 42



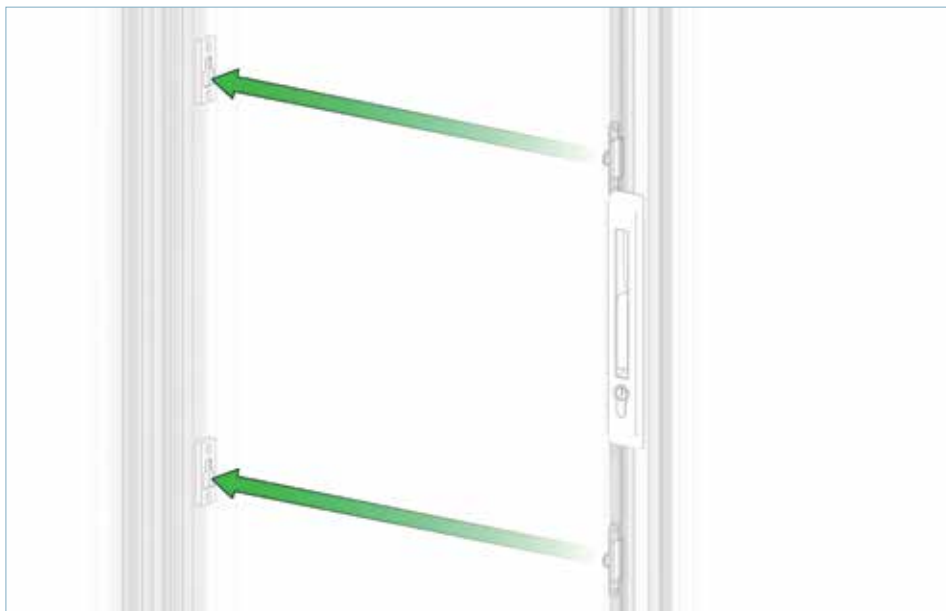
Fix anti-lift blocks above each sash corner when the sash is in the closed position. Fix using 3.9 x 25mm screws and position no more than 60mm from the external corner of the sash.

FIG 43



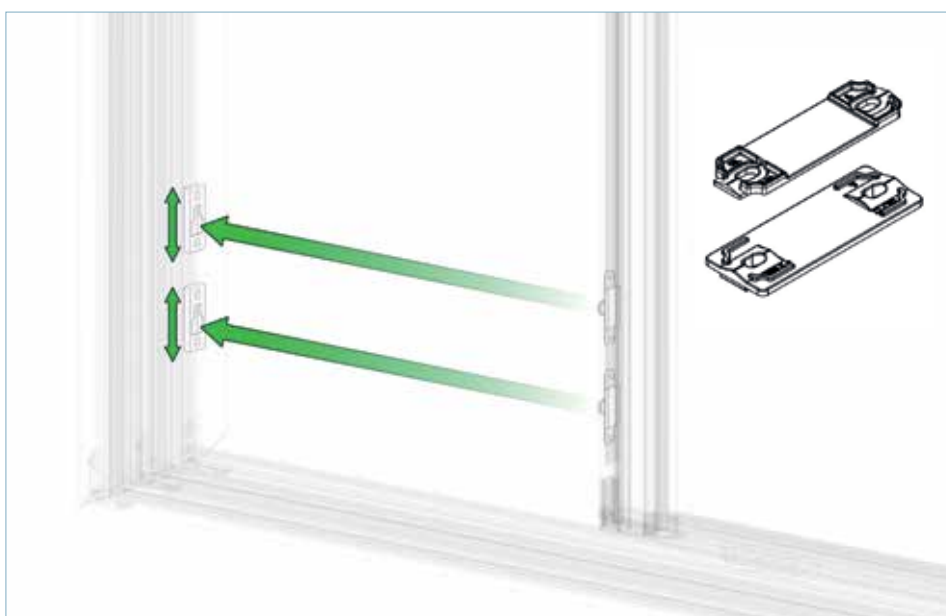
Level the lockstile to ensure the sash is parallel to the frame. Repeat for all opening sashes to ensure the interlockers line up correctly.

FIG 44



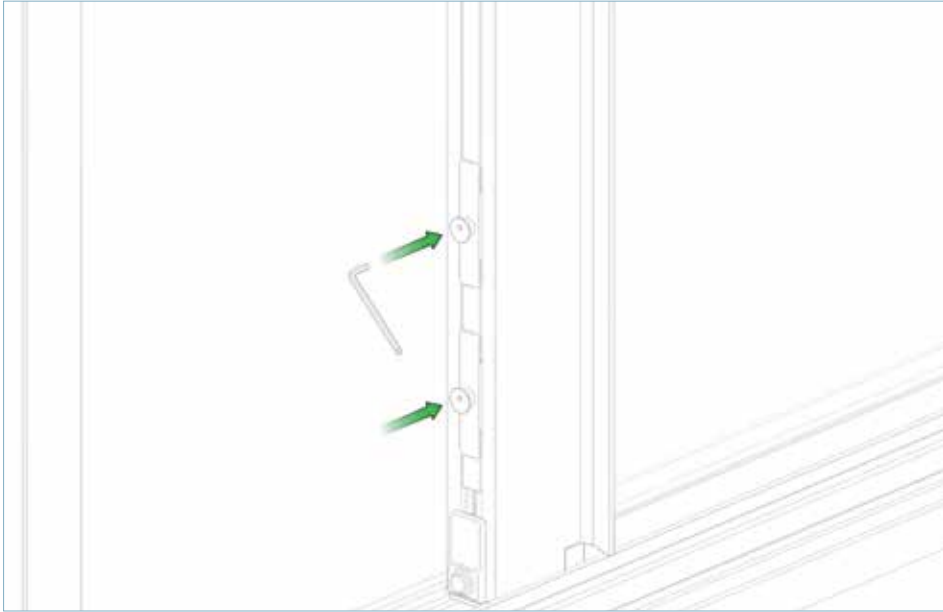
Align centre keeps with corresponding locking points (situated directly above and below handle).

FIG 45



Working from bottom to top, adjust keep positions if necessary. Keeps can be packed out using the 0.5mm and 2mm packers supplied. Adjust keeps until the handle engages correctly, and the key in the lock cylinder turns smoothly.

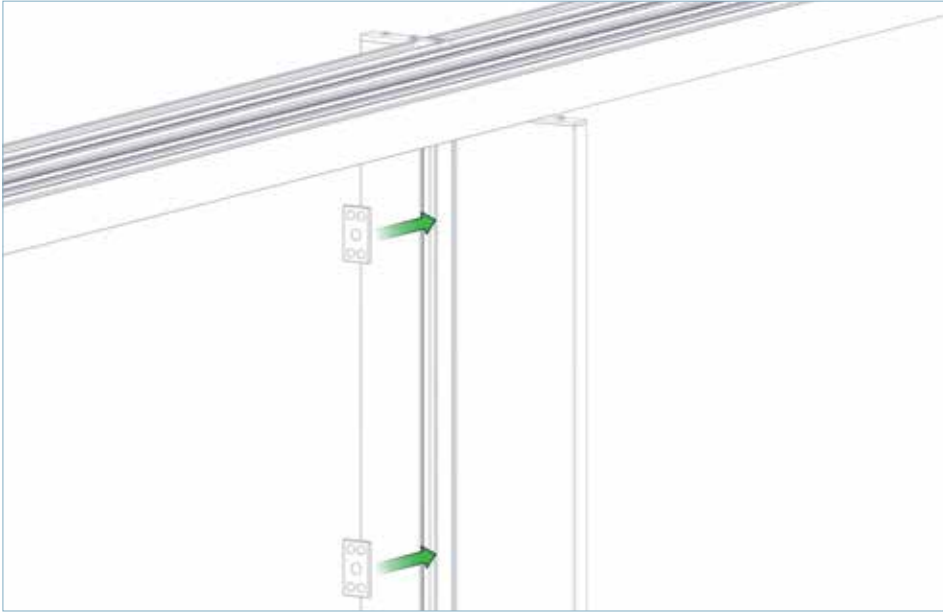
FIG 46



If more adjustment is required, use a 3mm Allen Key to adjust the locking point.

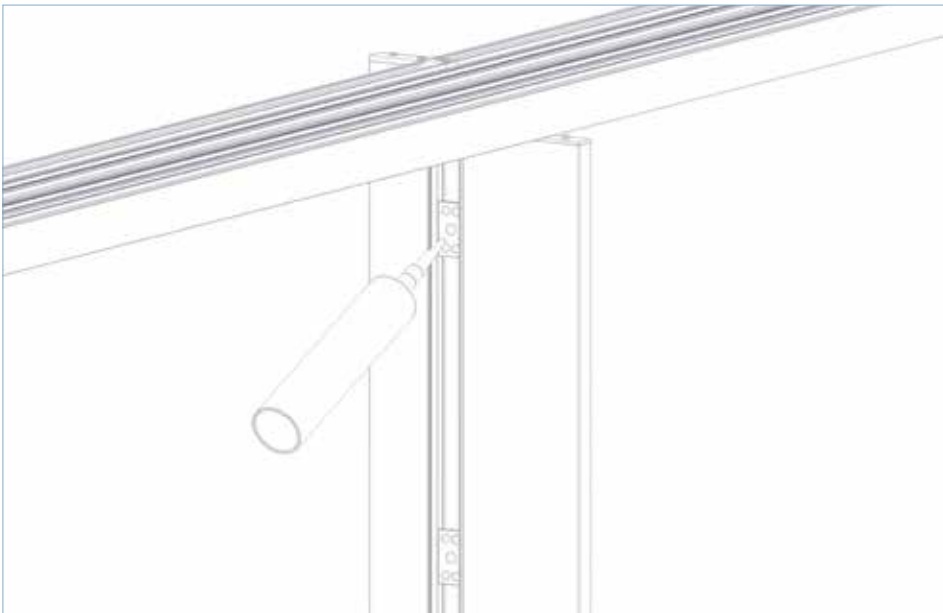
FIG 47

10. If applicable, install the fixed panel



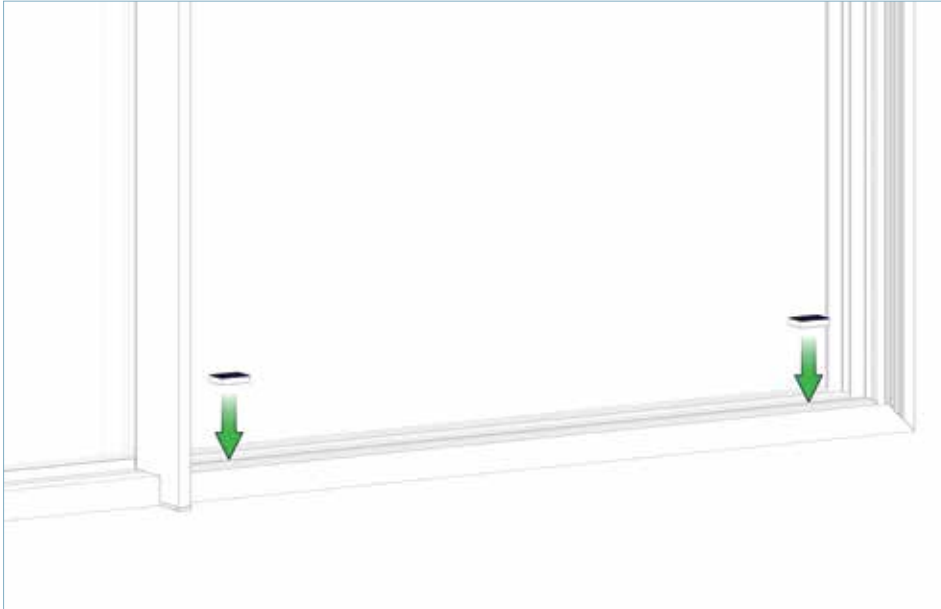
Pack out as appropriate.

FIG 48



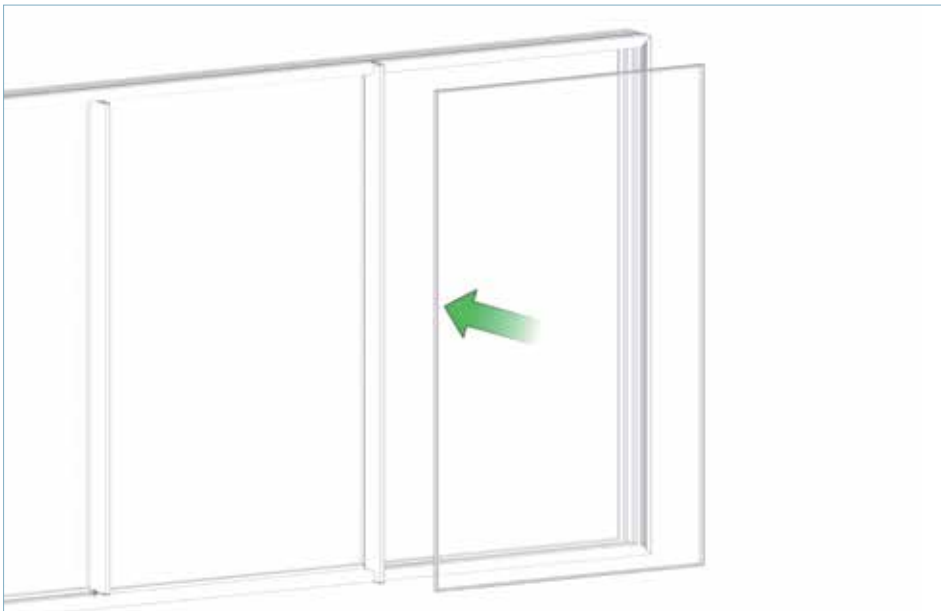
Apply supplied structural sealant around each packer.

FIG 49



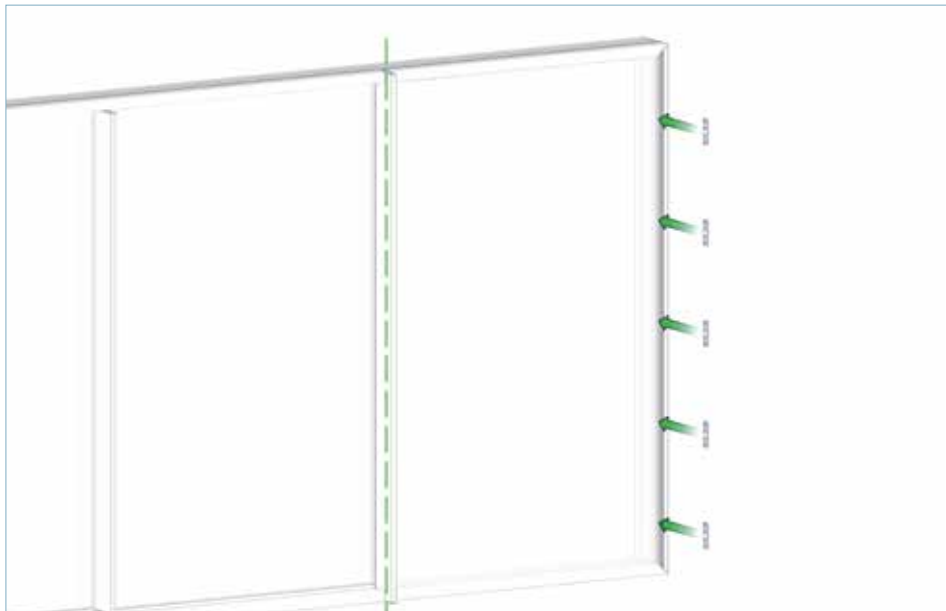
Place 10mm anti-lift packers into track channel.

FIG 50



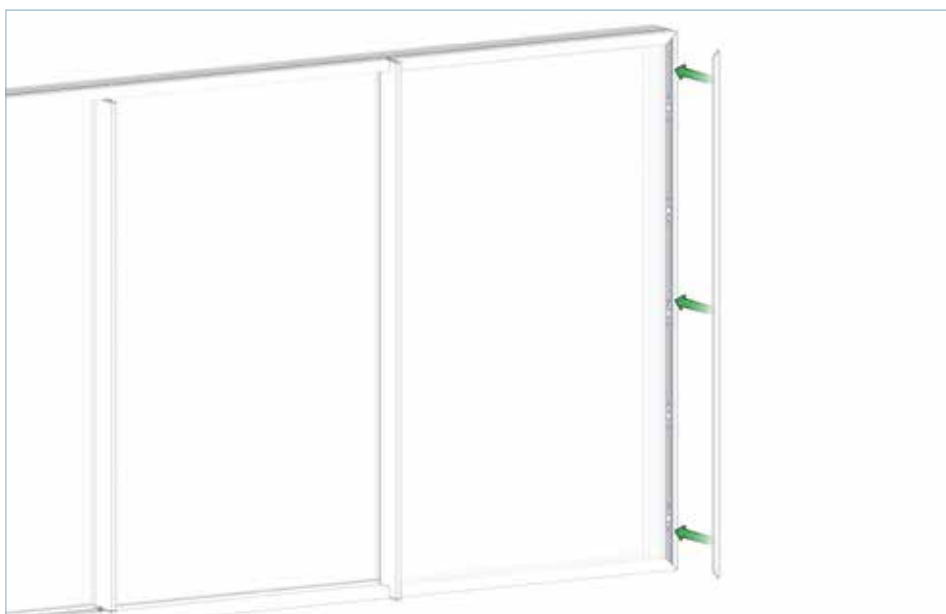
Insert glass into frame and slide over on to pre-applied structural sealant in interlocker. Pack out below glass, so it is central in the frame.

FIG 51



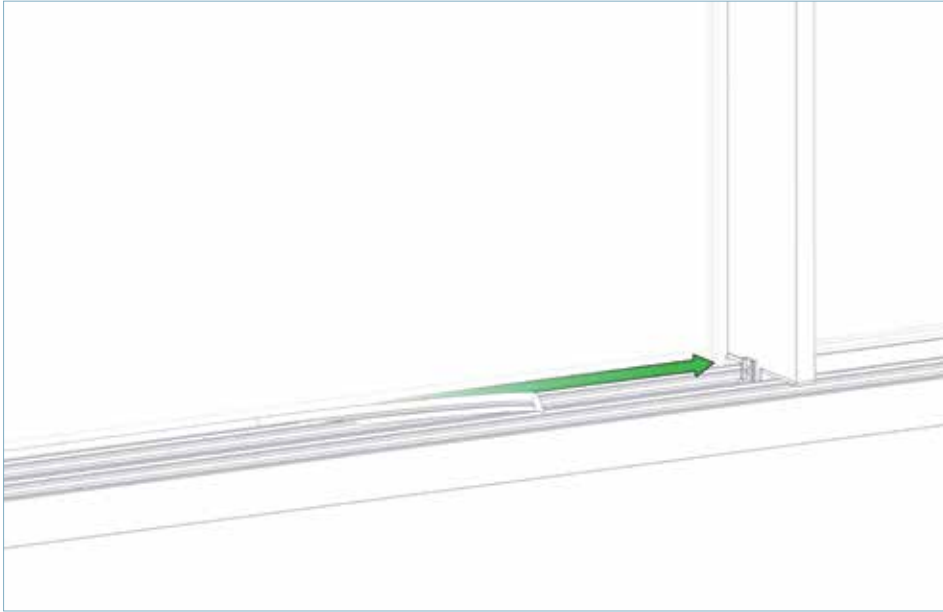
Use a straight edge or long level along the fixed interlocker to ensure straightness. Pack out accordingly between edge of glass and jamb.

FIG 52



Secure frame bead in place. First clip top and bottom of bead, then proceed to clip in the centre.

FIG 53



Fit wedge gasket between glass and outer frame, on both inside and outside glass faces.

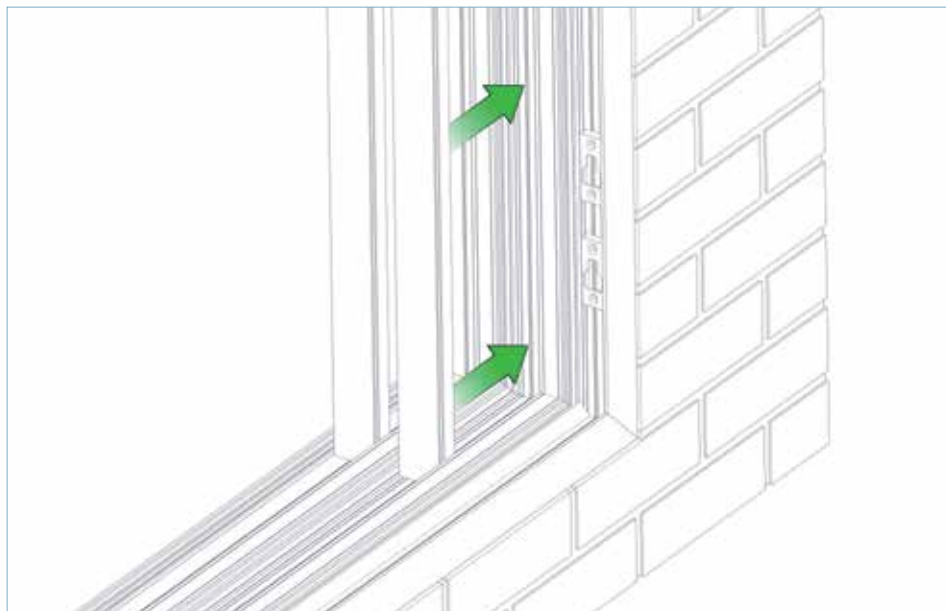
FIG 54



Apply bead of structural sealant along the length of interlocker (both inside and outside faces). Leave to fully cure before operating the set.

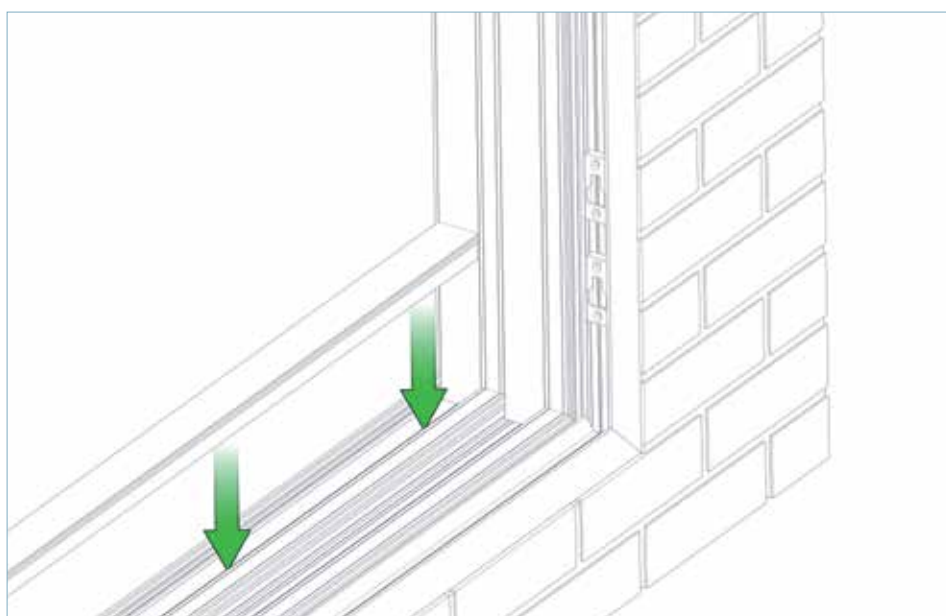
FIG 55

11. Install frame covers



Clip in the vertical frame cover pieces.

FIG 56



Clip in the horizontal frame cover pieces.

FIG 57

Contact

Accounts

t 08448 802 371 or 01494 416 895 **e** Finance@origin-global.com

Marketing

t 08448 802 374 or 01494 416 897 **e** Marketing@origin-global.com

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e OrdersSouth@origin-global.com

Solutions

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Fleet and Logistics

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