



Revolution 54

Single/Double
Glazed Partition
System

16 July 2014

Installer's Guide

General Introduction

The purpose of this Installer's Guide is to illustrate the specific sequence and method for construction of **Revolution 54 (50mm) Single/Double Glazed Partition System**. It is assumed that the fitting teams carrying out the installation have the necessary skills to set out, operate the tools required and install the system to the required standard.

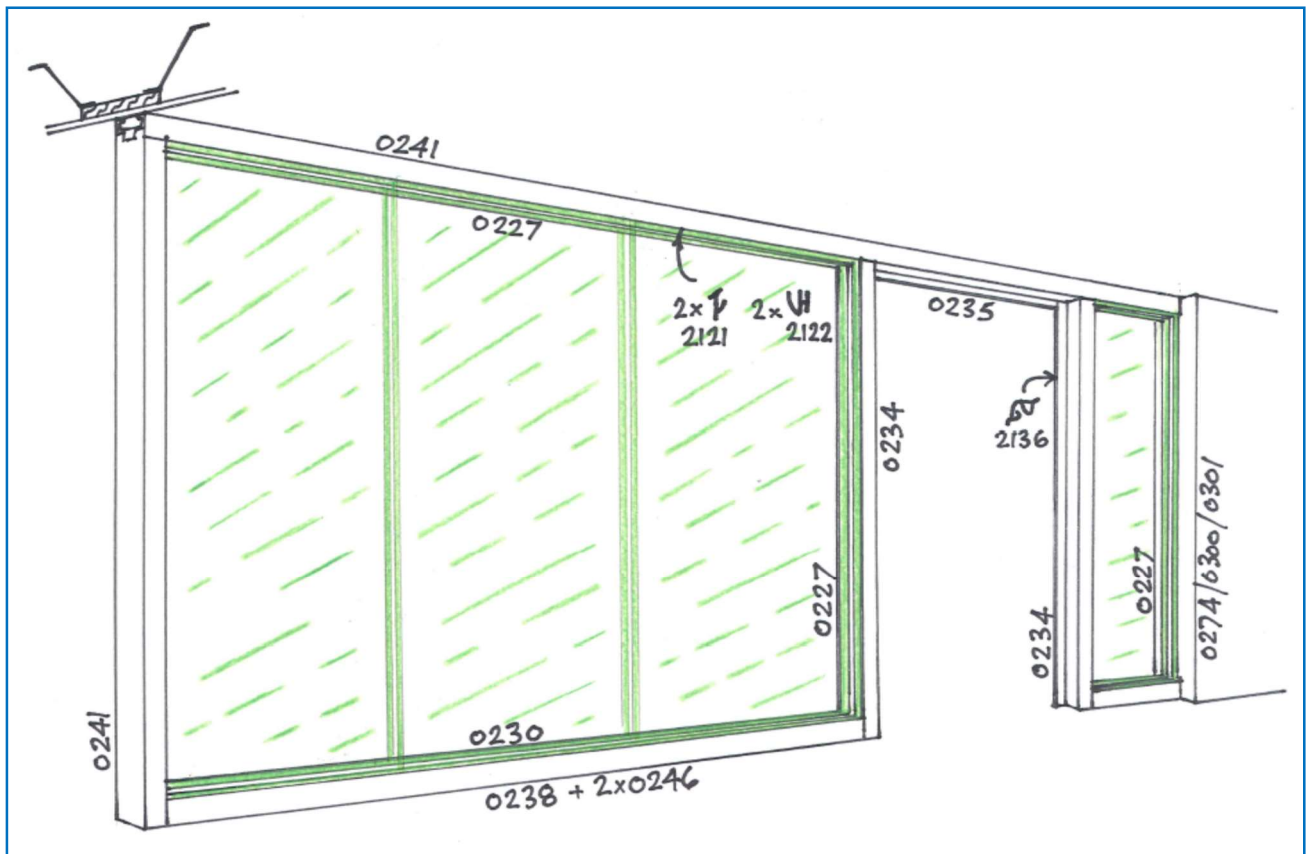
It is further assumed that good practice for installing factory-finished linear track sections will be followed at all times. This will include:

- Avoid cut lines/butt-joints coinciding on multi-section tracks – example: Floor track and glazing beads
- Ensure that where butt-jointing aluminium sections, the painted end of the extrusion is cut off first. This will ensure a good joint by removing the uneven end that can occur during the extrusion and painting process. When referenced in the following text, a full length is assumed to have been trimmed.
- Pre-drill and countersink all fixing holes to ensure that **all** countersunk fixing screws sit **flush**.
- Fix tracks to all abutments with fixings at maximum 300mm centres.
- To maintain the acoustic integrity ensure all abutment tracks are properly sealed to the structure with either the factory supplied (fitted) foam tapes or proprietary acoustic sealant. There should be no visible air gaps between track and structure.

It is the installer's responsibility to select fixings appropriate to the fixing substrate, since it is not possible to anticipate the nature of projects in advance. No recommendations will be made in this document. When considering the choice of fixings it is essential that the selection is capable of supporting the specified line load.

The text of this Installer's Guide, as far as possible, has been written in an abbreviated form in order to keep the document as short as possible. Where a particular component or track section is mentioned without an accompanying sketch, it will be annotated in bold text. The reader should refer to the appendix at the back of the document to cross reference the component code with an illustration for identification. Reference should also be made to The **Optima Designer's Guide** for typical installation configurations.

Typical Arrangement



Installation Sequence

The following is the installation sequence based on a standard installation, having no provision for live load deflection, as recommended by Optima Products Limited. Deviations from this sequence are permitted provided that the quality of the completed installation is not compromised.

The method described here is written around the 50mm track sections and these are the components noted in the sketches and in the brackets. Unless noted otherwise, the method for the 40mm and 25mm track sections is the same. Refer to the appendix schedule of components for the distinction between component codes.

1 Prepare the Surrounding Structure

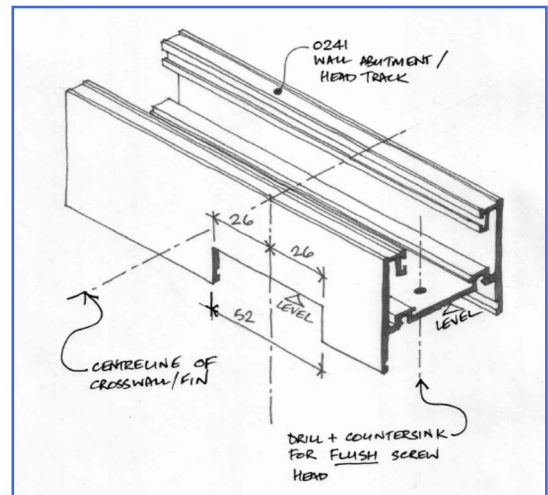
- Ensure all abutments are complete and preferably painted.
- The ceiling must be capable of supporting the weight of the head track and receiving its fixings. With a plasterboard ceiling, where fixings into the ceiling framework are assured, this may be sufficient. However, it is preferable and with tiled ceilings, essential that a suitable patress is positioned above the ceiling on the line of the head track. This will be ideally 18 or 25mm plywood. It may also be necessary to brace the patress back to the slab to eliminate any lateral movement in the event of a line load or eccentric door load being applied.
- Where tapeable glazing bars are being used at a drywall end, these should be fitted, taped and filled prior to commencing the partition installation. Refer to the appropriate Installer's Guide for specific installation details for tapeable glazing bars.

2 Install the Head Track

The head track is the starter section of a 2-part unit. The second component (the glazing inner clip) is described in **Section 8**

- The head track (**0241**) should be cut for a continuous tight fit between vertical abutments, with 90° corners cut with two clean 45° mitres and drilled for fixing along its centreline.

- At 3-way junctions cut a notch on the office front track to allow the glazing inner clip from the cross-wall to pass through. The notch will be 52mm wide, centred on the cross-wall centreline, and to a height that aligns with the inside soffit of the track. There must be no metal projecting below this line but some unevenness above the line is permitted since it is not seen – see detail.



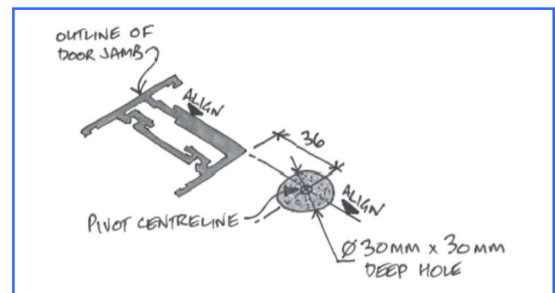
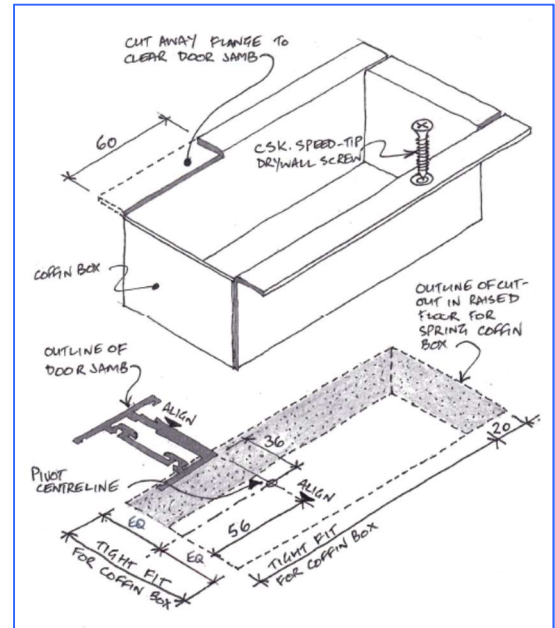
- Before fixing head track in position, loosely fill the cavity with 16kg/m³ mineral wool and ensure that the two grooves on the top surface are fitted with acoustic foam tape.

If installing **CONCEAL** or **DUO** double glazed doors the head track section for use immediately above the door is supplied as part of a kit and is factory machined for the head pivot. For the complete installation method for CONCEAL and DUO doors, where it differs from the standard installation, refer to **APPENDIX E** at the back of this Installer's Guide.

3 Prepare the Floor for Doors (in Microflush Frames)

Before installing the door frames the floor needs to be prepared for the doors by either cutting-in the floor springs or free-swing pivots.

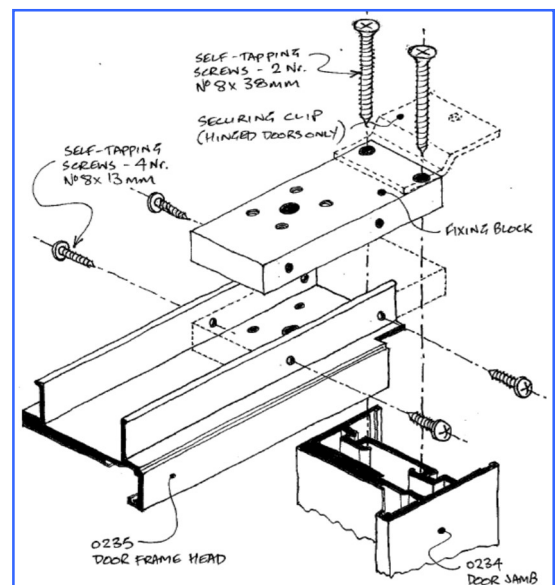
- Set out the position of the door frames and mark each jamb position on the inside of the head track.
- Plumb down each jamb position and mark clearly on the floor.
- From the door hinge jamb position, set-out the position of the pivot centreline. Project the face of the door rebate into the room and measure along the line 36mm from the inner face of the door frame. This will be the position of the pivot centreline – see detail.
- For doors having a **floor spring**, draw a line parallel with the partition centreline through the pivot point and measure 56mm to the end of the floor spring coffin box – see detail.
- Position a coffin box over the set-out lines, equally spaced either side of the pivot centreline, mark and cut the coffin box hole for a tight fit **plus** 20mm on the length.
- Drop the coffin box into the hole (having first notched one flange to clear the door jamb) but do not fix in position. This will allow some adjustment of the pivot position during door installation.
- For a **free-swing pivot**, using the same setting out process to determine the pivot centreline as for the floor spring, at the pivot centreline, drill a 30mm diameter hole to a maximum depth of 20mm (assuming fixing on a raised access floor).



4 Install the Door Frames

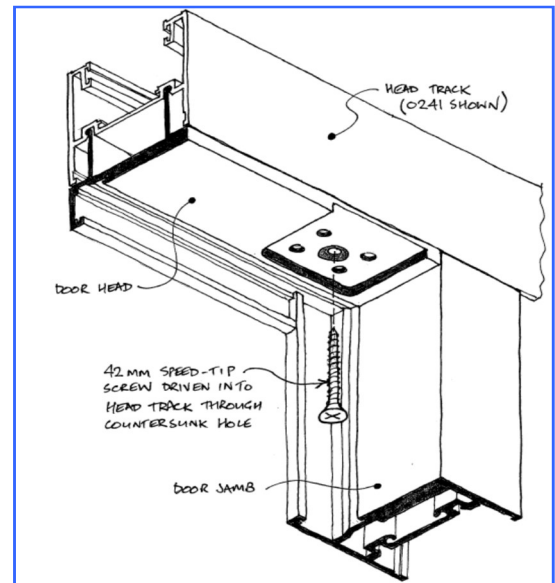
Before installing the door frames, they must first be assembled. They will be supplied in kit form as two jambs, a head and a set of fittings and screws. The following details are drawn for the 50mm door jamb (0234). The method for the 40mm door jamb (0237) is the same.

- Cut the door frame jambs (0234) to length. This will be 2mm shorter than the tight dimension from the partition head track to the floor.
- Fix the connection block either end of the door frame head (0235) using 4 nr. No 8 x 13mm self-tapping screws – see detail.
- If the door frame head is not configured for offset pivots, fit the appropriate securing clip to one of the connection blocks – see detail
- On a suitable work surface, offer the door frame head to the jambs and connect by driving 2 nr. No 8 x 38mm self-tapping screws through the connection block, into the screw ports in the jamb section. With the jamb mated to the head, the fixing holes should align perfectly.



- In the base of each jamb, insert a base cleat with the fixing base leg facing towards the door rebate. This may need to be tapped home with a hammer if it is a tight fit.

- Stand the door frame in position using the setting-out marks as a guide and engage the snap-fit lugs on the head into the slots in the partition head track.
- Push the door frame upwards until the sections snap together.
- If the door frame is configured for offset pivots, secure to the partition head track (preventing lateral slippage) by driving a No 6 x 42mm speed-tip drywall screw through the centre hole in the pivot plate recess into the head track.



- If the frame is configured for hinges, secure to the partition head track by driving a No 6 x 13mm CSK speed-tip self-tapping screw through the countersunk hole in the securing clip into the partition head track.
- With the door frame head secured, plumb and secure the base of the jamb by fixing through the base cleat into the raised floor tile with a suitable fixing screw.
- Cut to length and snap the door frame gaskets (**2270**) into the groove.
- Due to the possible presence of production residues on both gasket and door leaf, there may be some friction between the two when closing the door leaf. If necessary, apply a sprayed silicone lubricant to the gasket with a cloth.

5 Install the Wall Abutment Tracks

Surface mounted wall abutments are used when fixing direct to an adjacent structure – example: face of a drywall partition. In this case, ensure that the abutment is complete with any plaster skim or tape & fill complete, sanded and primed and preferably painted to avoid any decorator's over-spill.

It is important that the abutment is capable of taking a suitable fixing itself or (if drywall) contains a suitable fixing ground centred on the line of the partition.

In order to avoid the risk of acoustic weakness, it is important for the surface of the wall to be even so that the acoustic foam tapes on the abutment track have a good surface compression. In the event of an uneven surface where the tapes cannot give a good seal, a silicone bead may be applied to the length of the abutment.

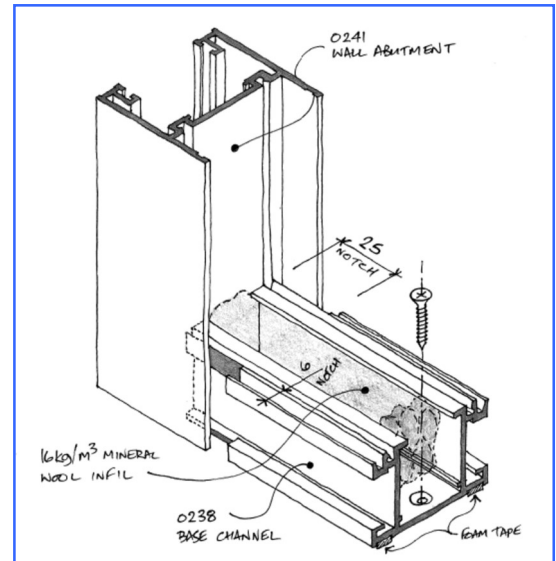
Like the head track, the wall abutment is a 2-part unit, having a secondary glazing inner clip.

- The standard wall abutment (**0241**) should be cut for a continuous tight fit between the floor and the underside of the head track and drilled for fixing along its centreline.
- Before fixing abutment track in position, ensure that the two grooves on the rear surface are fitted with acoustic foam tap.
- Where there are either one or two glass modules in the run, it is advisable to use the floor track (**0238**), loosely filled with 16kg/m³ mineral wool, and floor track beads (**0246**) for a wall abutment. This will give more flexibility in installing the glass.

6 Fit the Floor Track

The floor track is a multi-component unit, comprising a base channel, a secondary glazing inner clip and removable glazing beads which are fitted after glazing.

- Cut the base channel (**0238**) for a tight fit between the inside faces of abutments tracks (including 0238, where used) and door jambs and drill for fixing along its centreline.
- Notch the channel ends by 6mm each side to a depth of 25mm to locate inside the abutments.
- Before fixing base channel in position, ensure that the two grooves on the bottom surface are fitted with acoustic foam tape.
- For 3-way junctions, simply but the two sections together



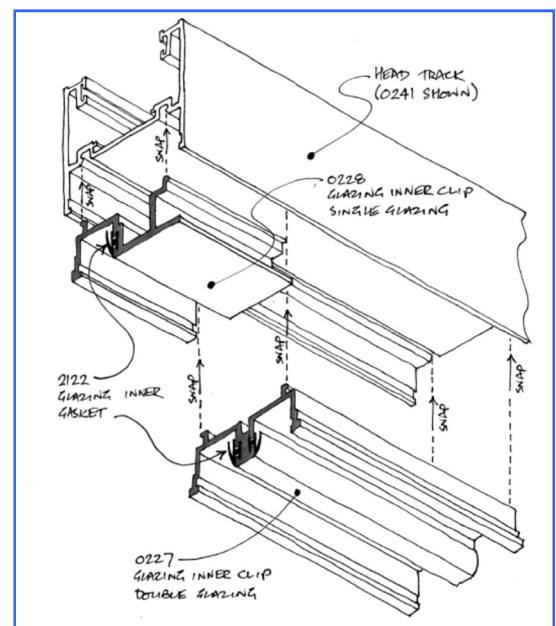
8 Fit the Glazing Inner Clips to Head and Floor Tracks

The glazing inner clips are fitted to the head and floor tracks and form the glazing recesses. There are certain conditions and junctions which require some end preparation of the clips and these are described in the following paragraphs.

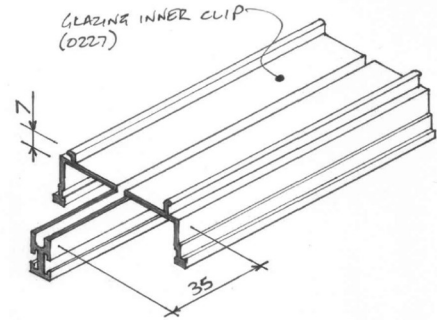
Because of extrusion tolerances, it is possible that with some finishes the glazing inner clip will be a loose fit. To overcome this, simply pre-drill a hole in the glazing recess (both recesses for double glazed sections), 50mm from each end and also in the middle, sized for a no.6 x 13mm wafer-head speed-tip self-tapping screw. Ensure the screw heads are covered with self-adhesive foam before glazing to prevent damage to the glass.

8.1 - General Measuring and Cutting for Head Track

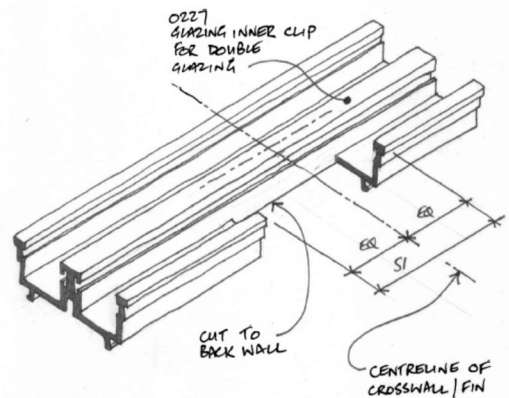
- Measure between the inside faces of vertical abutments (including door jambs**) to give the cut dimension for the glazing inner clips (**0227** for double glazing, **0228** for single glazing or **0284** for centrally glazing). Ensure clean straight cuts for a good snap-fit into track sections.
- Cut the glazing inner clips so that the butt-joints, when fitted, overlap the head track joints by 300mm. This will provide stability to the assembled unit.
- At 90° corners, simply cut the two meeting lengths of glazing inner clips at a 45° mitre.
- Before snapping into the track, ensure that the glazing inner gasket (**2122**) is fitted. This should be cut to the same length. For single glazed installation (with **0228**) cut a single length of gasket; for double glazed installation (with **0227**) or centrally glazed (with **0284**) cut two lengths.



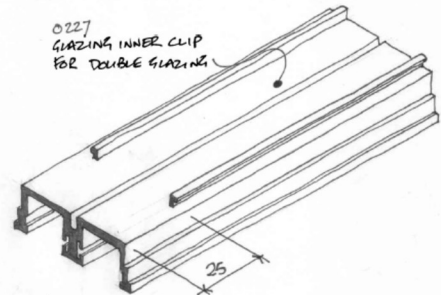
- ** For door jambs prepared for hinges, where the securing clip is visible in the head track, the glazing inner clip must be cut slightly shorter with the base surface cut away to fit over it when snapped in place.
- Measure the glazing inner clip to fit 10mm short of the inner face of the door jamb.
- Cut back the base surface by 35mm to a depth of 7mm to clear the securing clip when snapped into the head track.
- The detail shown is for **0227** (double glazed). The detail for **0228** (single glazed) and **0284** (central glazed) is similar



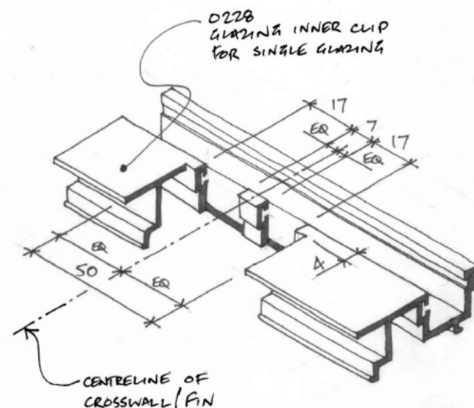
- The glazing inner clip (**0227**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut away the base ledge and wall on the side facing the cross-wall/fin as far as the wall face of the centre section. This notch should be 51mm wide and centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.



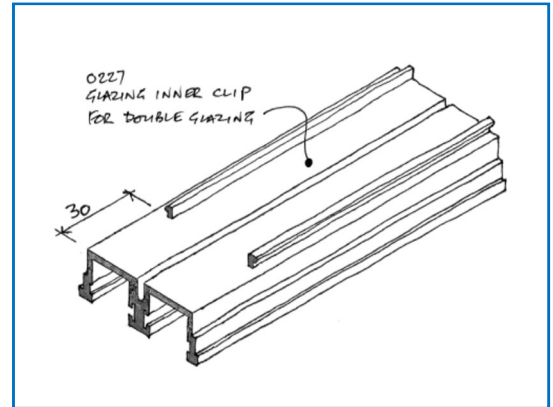
- The glazing inner clip (**0227**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint with the centre section of the clip on the office front and cut away the snap-in legs for the first 25mm.



- The glazing inner clip (**0228**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 50mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving two open slots of 17mm either side of its middle 7mm – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

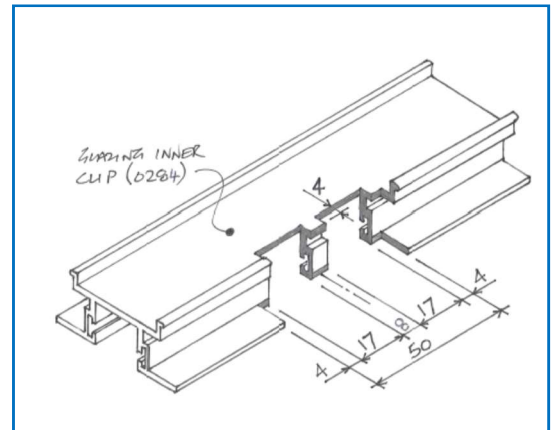


- The glazing inner clip (**0227**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 30mm.

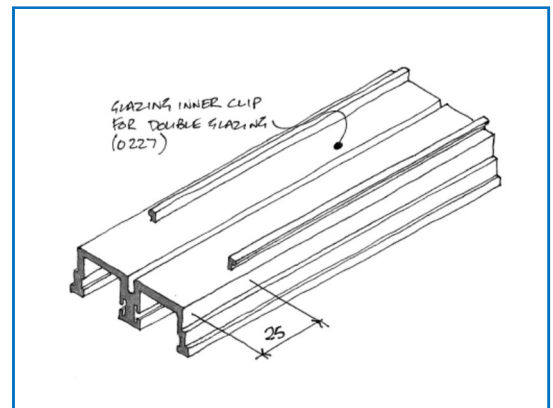


8.5 - Cuts for 3-Way Junctions – Centrally Glazed Front to Double Glazed Cross-wall/Fin

- The glazing inner clip (**0284**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 50mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving two open slots of 17mm either side of its middle 8mm – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

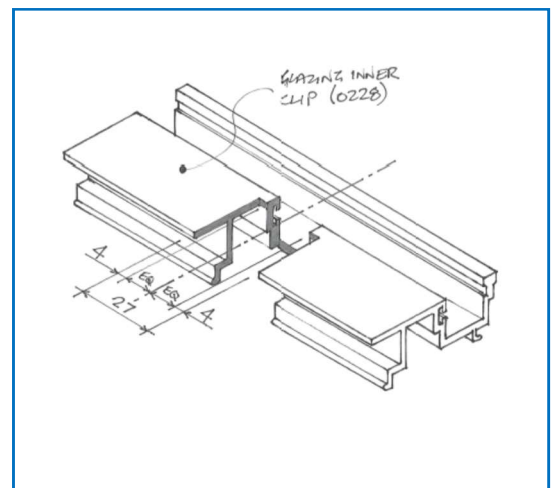


- The glazing inner clip (**0227**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 25mm.

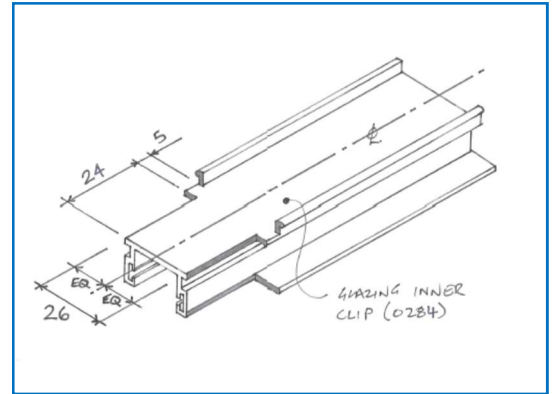


8.6 - Cuts for 3-Way Junctions – Single Glazed Front to Centrally Glazed Cross-wall/Fin

- The glazing inner clip (**0228**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 27mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving an open slot between two 4mm shoulders – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

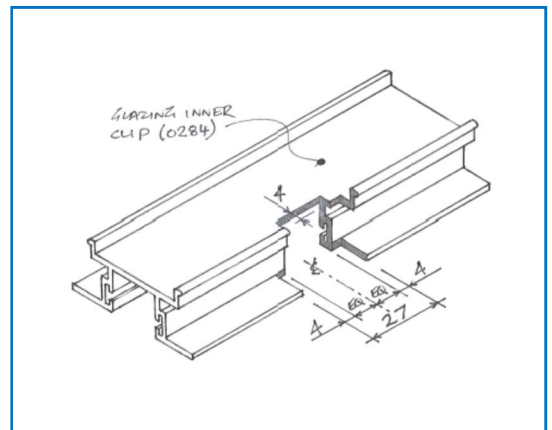


- The glazing inner clip (**0284**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 29mm (24mm+5mm).
- Cut a 24mm deep shoulder on both faces to leave a 26mm wide, equally spaced central section – see detail

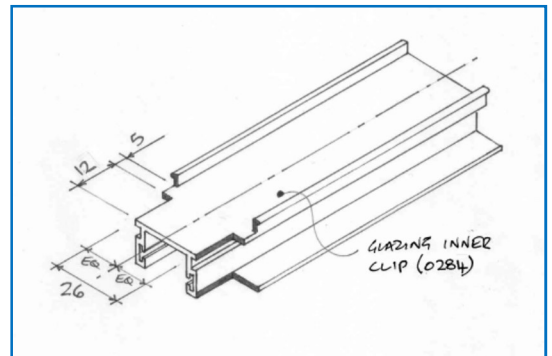


8.7 - Cuts for 3-Way Junctions – Centrally Glazed Front to Centrally Glazed Cross-wall/Fin

- The glazing inner clip (**0284**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 27mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving an open slot between two 4mm shoulders – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

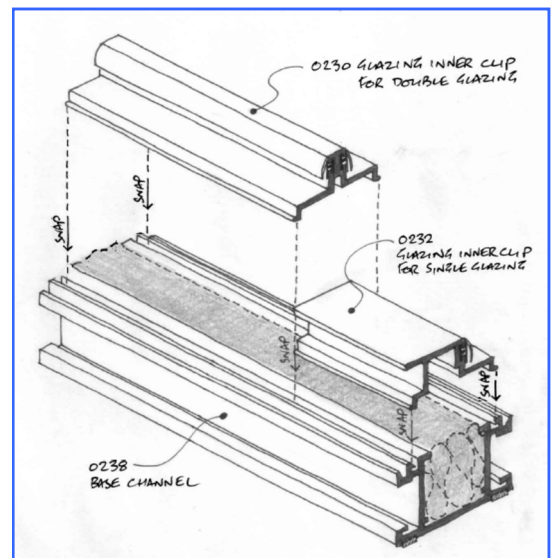


- The glazing inner clip (**0284**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 17mm (12mm + 5mm).
- Cut a 12mm deep shoulder on both faces to leave a 26mm wide, equally spaced central section – see detail



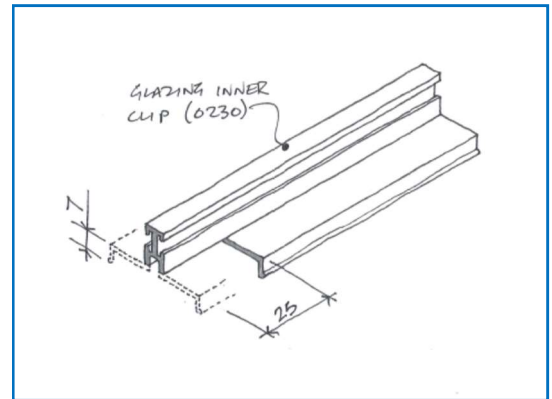
8.8 - General Measuring and Cutting for Base Channel

- Measure between the inside faces of vertical abutments (including door jambs) to give the cut dimension for the glazing inner clips (**0230** for double glazing, **0232** for single glazing and **0288** for the central glazing plinth). Ensure clean straight cuts for a good snap-fit into track sections.
- Cut the glazing inner clips so that the butt-joints when fitted overlap the base channel joints by 300mm. This will provide stability to the assembled unit.
- At 90° corners, simply cut the two meeting lengths of glazing inner clips at a 45° mitre.
- Before snapping into the base channel, ensure that the glazing inner gasket (**2122**) is fitted. This should be cut to the same length. For single glazed installation (with **0232**) cut a single length of gasket; for double glazed installation (with **0230**) cut two lengths.



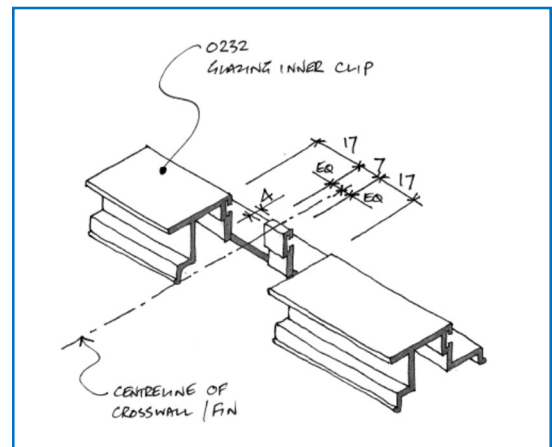
8.9 - Cut for 3-Way Junction - Double Glazed Front to Double Glazed Cross-wall/Fin

- The glazing inner clip (**0230**) on the office front will run past the cross-wall/fin with no cuts or notches.
- The glazing inner clip (**0230**) on the cross-wall/fin needs to be notched to locate with the office front clip.
- Cut the glazing inner clip for a butt-joint with the centre section of the clip on the office front and cut away the snap-in legs and base to a depth of 7mm for the first 25mm.

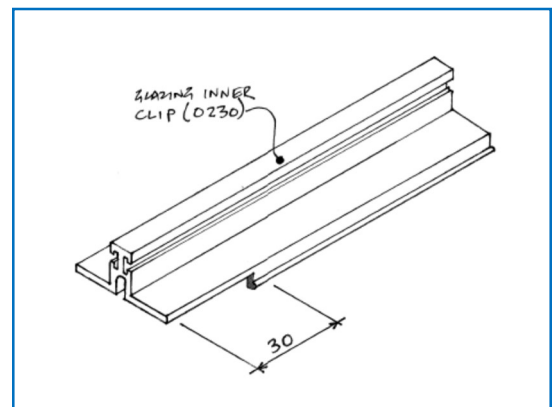


8.10 - Cuts for 3-Way Junction - Single Glazed Front to Double Glazed Cross-wall/Fin

- The glazing inner clip (**0232**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 41mm notch (17mm+7mm+17mm) on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving two open slots of 17mm either side of its middle 7mm – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

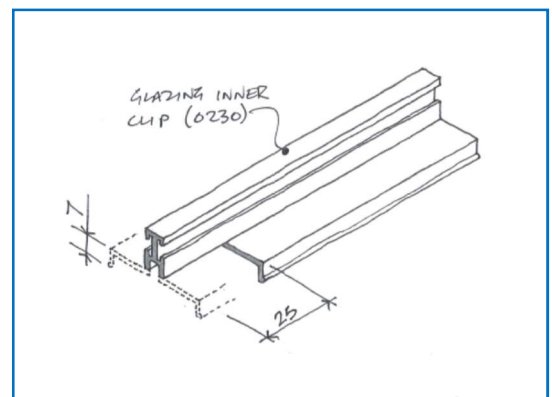


- The glazing inner clip (**0230**) on the cross-wall/fin needs to be notched to locate with the office front clip.
- Cut the glazing inner clip for a butt-joint behind the seal slot office front clip and cut away the snap-in legs for the first 30mm.



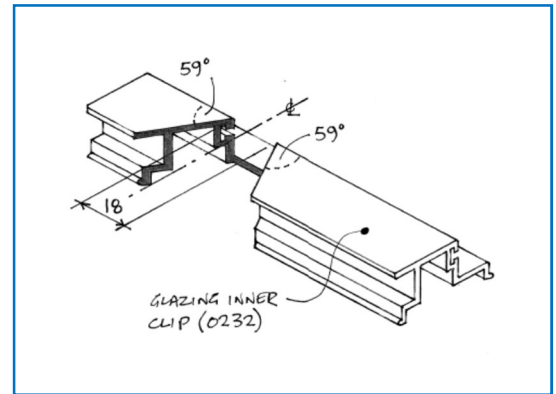
8.11 - Cut for 3-Way Junction - Centrally Glazed Front to Double Glazed Cross-wall/Fin

- The central glazing plinth (**0288**) on the office front will run past the cross-wall/fin with no cuts or notches.
- The glazing inner clip (**0230**) on the cross-wall/fin needs to be notched to locate with the office front clip.
- Cut the glazing inner clip to a point 9mm short of the centreline of the office front and cut away the snap-in legs and base to a depth of 7mm for the first 25mm.
- Note: The cut centre section of the cross-wall/fin glazing inner clip will be visible through the office front glass.



8.12 - Cut for 3-Way Junction - Single Glazed Front to Centrally Glazed Cross-wall/Fin

- The glazing inner clip (**0232**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut an 18mm notch (17mm+7mm+17mm) on the side facing the cross-wall/fin to break through the face of the seal slot. This should then be cut at an angle of 59° on each side to give a splayed notch – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.



8.13 - Cut for 3-Way Junction - Centrally Glazed Front to Centrally Glazed Cross-wall/Fin

No cutting is necessary. The central glazing plinth (**0288**) on the front base track will run through and on the cross-wall/fin it will be cut to finish with the base track.

9 Fit the Glazing Inner Clips to Vertical Tracks (including door jambs)

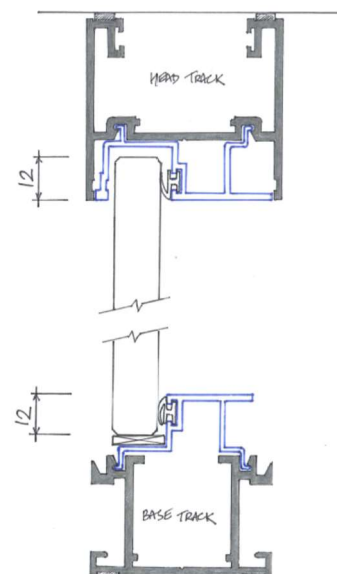
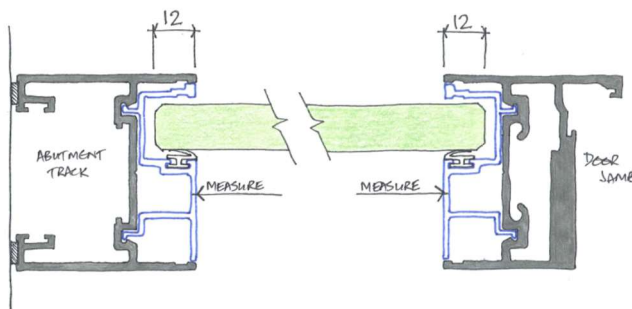
- As with the head and floor tracks, the sections are a snap fit. Square cut the glazing inner clips (**0227** – double glazing; **0228** – single glazing; **0284** – central glazing) for a tight fit between the head and base channels, inserting glazing inner gasket (**2122**) where necessary.
Note – If using 40mm door jamb (**0237**) with double glazing then glazing inner clip (**0236**) must be used on the strike jamb.

Because of extrusion tolerances, it is possible that with some finishes the glazing inner clip will be a loose fit. To overcome this, simply pre-drill a countersunk hole in the glazing recess (both recesses for double glazed sections), 50mm from each end and sized for a no.6 x 13mm countersunk speed-tip self-tapping screw.

10 Measure and Install the Glazing

It is important to remember that the Revolution 54 system requires good measuring practices. For continuous runs of partition having multiple glass modules, it is not sufficient to take a height measurement in one place and assume it will be the same over the whole partition. Take regular measurements and identify each glass module on the order schedule to make identification on site easier when the glass is delivered.

- Glass panels into **all** the track alternatives should be measured and ordered as follows subject to the notes below:
 - Size Specified: Width (mm) x Height (mm)
 - Glass Thickness
 - Glass Type: Toughened / Laminate / Acoustic Laminate
 - Long Edges: Polished
 - Short Edges: Ground and Arrised



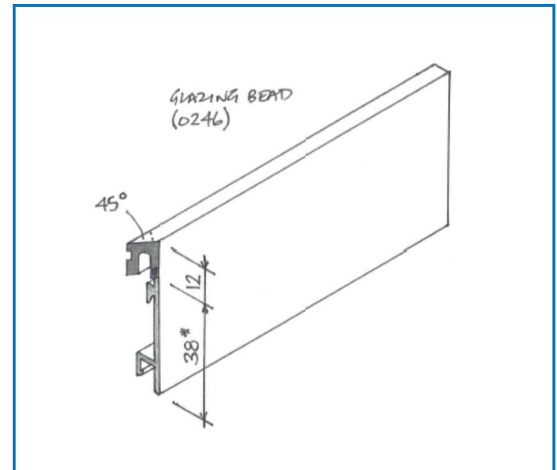
Note (1) – when glazing a single module (example – between a door jamb and a fixed abutment) it may be necessary to under-size the glass in order to shuffle the glass into place. In this case allow a **6mm** penetration on all 4 edges.

Note (2) – On the lock strike jamb of the 40mm door frame measure the glass for a **10mm** penetration

- Where floor tracks have been used (including for abutments), cut an equal length of the appropriate glazing bead (**0246** for single & double glazed; **0285** for centrally glazed) and snap-fit to the track to retain the glass.
- At 90° corners, simply cut the two meeting lengths of glazing bead at a 45° mitre.
- For 3-way junctions, the glazing beads need to be notched over the base channel but joint according to the glazing option and bead type – See below:

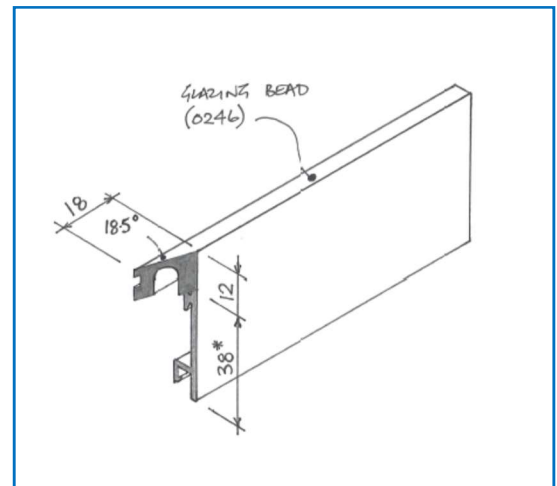
10.1 – Cut for 3-Way junction – Double Glazed Cross-Wall/Fin to Double Glazed Front

- The glazing bead (**0246**) on the front and the cross-wall/fin need to be mitred and notched to meet each other.
- Mitre the end at 45° and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.



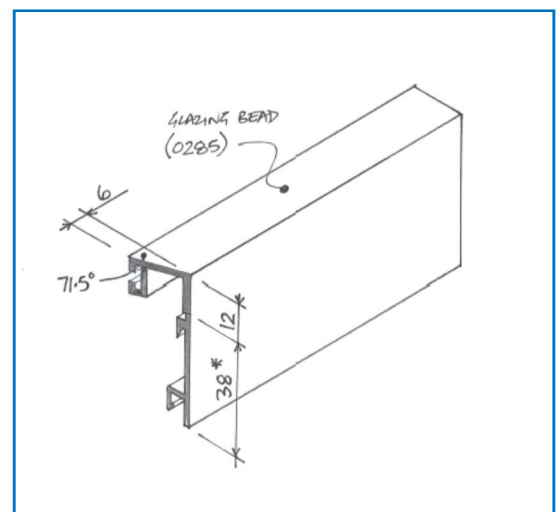
10.2 – Cut for 3-Way junction – Double Glazed Cross-Wall/Fin to Centrally Glazed Front

- The glazing bead (**0246**) on the cross-wall/fin needs to be mitred to meet the glazing bead (**0285**) on the front.
- Mitre the end at 18.5° (18mm) and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.



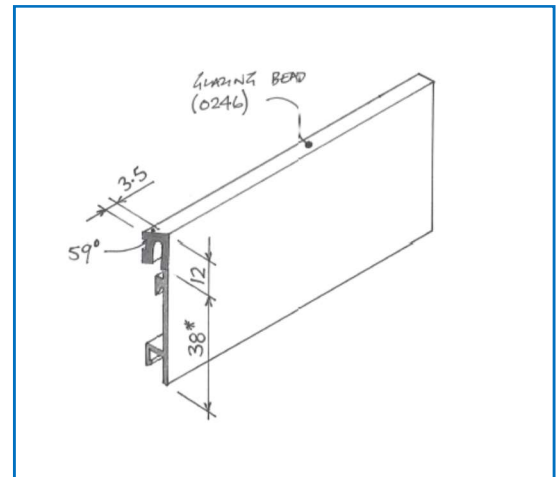
10.3 – Cut for 3-Way junction – Centrally Glazed Front to Double Glazed Cross-Wall/Fin

- The glazing bead (**0285**) on the front needs to be mitred to meet the glazing bead (**0246**) on the cross-wall/fin.
- Mitre the end at 71.5° (6mm) and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.



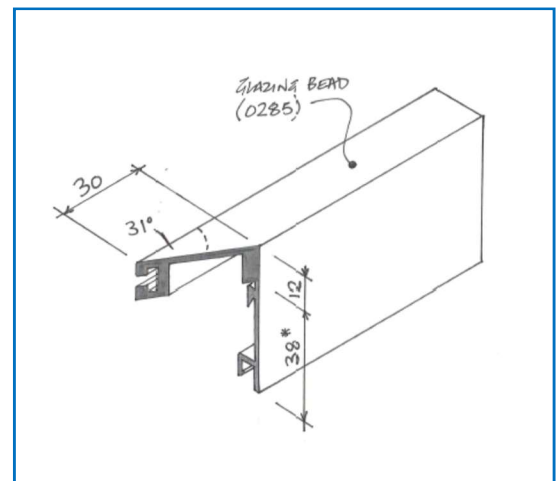
10.4 – Cut for 3-Way junction – Single Glazed Front to Centrally Glazed Cross-Wall/Fin

- The glazing bead (0246) on the front needs to be mitred to meet the glazing bead (0285) on the cross-wall/fin.
- Mitre the end at 59° (3.5mm) and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.



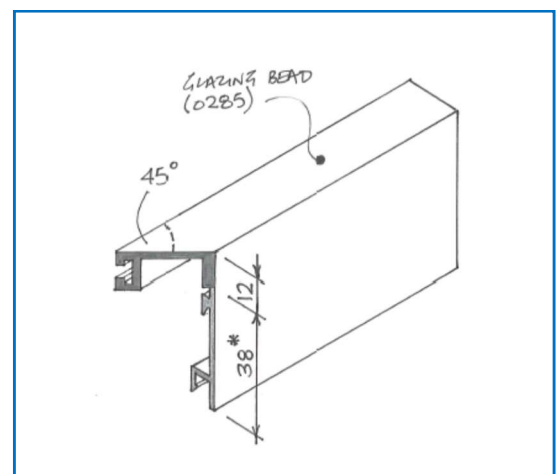
10.5 – Cut for 3-Way junction – Centrally Glazed Cross-Wall/Fin to Single Glazed Front

- The glazing bead (0285) on the front needs to be mitred to meet the glazing bead (0246) on the cross-wall/fin.
- Mitre the end at 31° (30mm) and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.



10.6 – Cut for 3-Way junction – Centrally Glazed Cross-Wall/Fin to Centrally Glazed Front

- The glazing bead (0285) on the front and the cross-wall/fin need to be mitred and notched to meet each other.
- Mitre the end at 45° and cut back square from the back of the mitre to a point 12mm below the top edge – see detail.

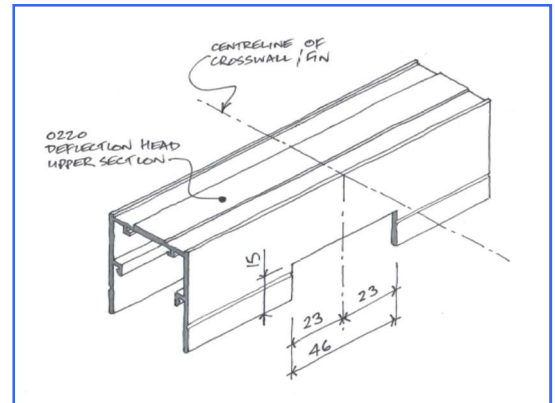


- Each glass panel should be seated on a non-metallic rigid glazing packer and set plumb before sealing into the tracks with the following gasket:
 - Glazing bead 0246: **2121 Glazing Outer Gasket** (push-fit)
 - Glazing bead 0285: **2122 Glazing Inner Gasket** (slide-fit)
- Before glazing into the door jambs, apply a 25mm bead of clear glazing silicone at top, middle and bottom of the glazing groove. When inserting the glass, ensure that the edge is bedded into the silicone and leave to cure for a minimum of 24 hours before hanging the door.

Appendix A Installing with a [Inner] Deflection Head

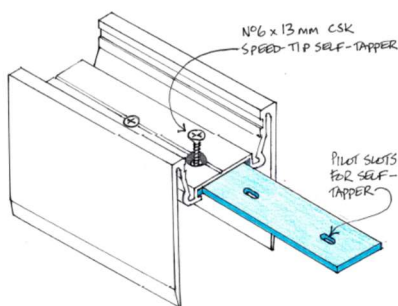
To install a deflection head the head track (0241) is replaced with a composite unit. The following is the method for $\pm 25\text{mm}$ deflection. The method for $\pm 40\text{mm}$ is similar.

- The deflection head (upper) (0220) should be cut for a continuous tight fit between vertical abutments, with 90° corners cut with two clean 45° mitres and drilled for fixing along its centreline.

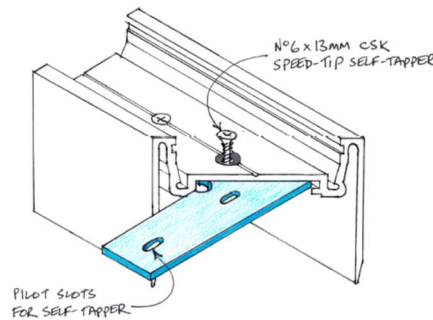


- At 3-way junctions, the cross-wall/fin track will have a square-cut butt-joint to the office front track and the office front track must be notched with a 46mm wide x 15mm deep slot – see detail

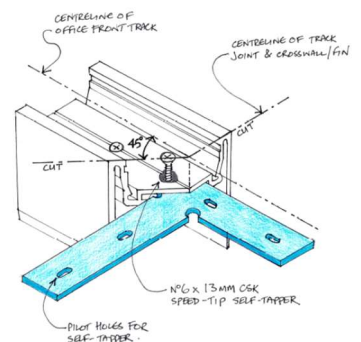
- Before fixing head track in position, ensure that the two grooves on the top surface are fitted with acoustic foam tape.
- Appropriate steps should be taken when installing at abutments to ensure that the deflection head (upper) can deflect through the abutment if necessary (example – tapeable glazing bars).
- Loosely fill the upper half of the track with 16kg/m^3 mineral wool.
- The deflection head (lower) (0338) should also be cut for a continuous tight fit between abutments and with 90° corners mitred. Ensure that upper and lower in-line butt-joints are overlapped.
- The deflection head (lower) should be joined at all junctions using the appropriate splice plate as illustrated below. In all cases, one end (leg) of the splice is a tight fit in the slide-in extrusion as a starter. The remaining legs are narrower so that the adjoining length of track can be offered up without disengaging the splice



In-line Splice
Square-cut the adjoining track sections



90° Splice
 45° mitre the adjoining track

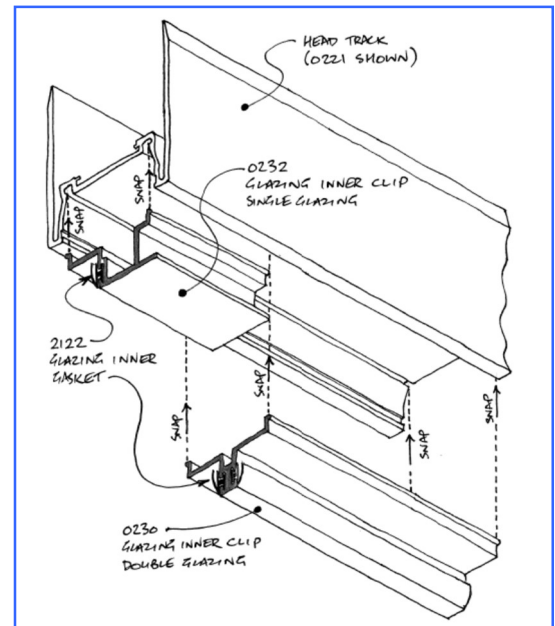


3-Way Splice
Square-cut and mitre the adjoining front track sections forming a 'V' and double mitre the cross-wall/fin track to a point.

- Slide the lower section over the upper until the two sections lock together at the 25mm deflection line, using splice plate to ensure the track remains true when glazing. Fix the splices through with no.6 x 13mm countersunk speed-tip self-tapping screws.

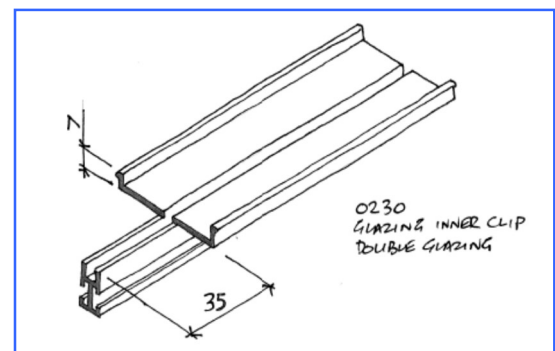
A.1 - General Measuring and Cutting of Glazing Inner Clips for Deflection Head Track.

- Measure between the inside faces of vertical abutments (including door jambs**) to give the cut dimension for the glazing inner clips (**0230** for double glazing, **0232** for single glazing or **0283** for centrally glazing). Ensure clean straight cuts for a good snap-fit into track sections.
- Cut the glazing inner clips so that the butt-joints, when fitted, overlap the head track joints by 300mm. This will provide stability to the assembled unit.
- At 90° corners, simply cut the two meeting lengths of glazing inner clips at a 45° mitre.
- Before snapping into the track, ensure that the glazing inner gasket (**2122**) is fitted. This should be cut to the same length. For single glazed installation (with **0232**) cut a single length of gasket; for double glazed installation (with **0230**) or centrally glazed (with **0283**) cut two lengths.



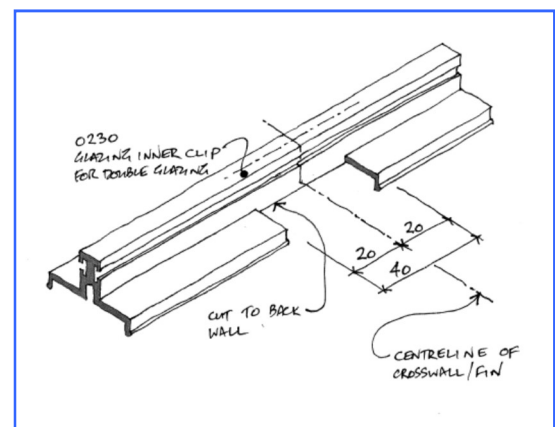
A.2 - Cut for Meeting with [hinged] Door Jamb

- ** For door jambs prepared for hinges, where the securing clip is visible in the head track, the glazing inner clip must be cut slightly shorter with the base surface cut away to fit over it when snapped in place.
- Measure the glazing inner clip to fit 10mm short of the inner face of the door jamb.
- Cut back the base surface by 35mm to a depth of 7mm to clear the securing clip when snapped into the head track.
- The detail shown is for **0230** (double glazed). The detail for **0232** (single glazed) and **0283** (central glazed) is similar

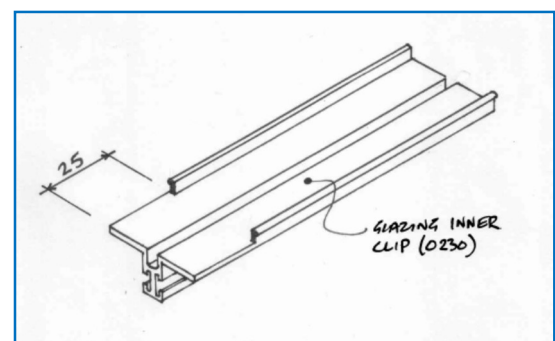


A.3 - Cuts for 3-Way Junctions: Double Glazed Front to Double Glazed Cross-wall/Fin

- The glazing inner clip (**0230**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut away the base ledge on the side facing the cross-wall/fin as far as the wall face of the centre section. This notch should be 40mm wide and centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

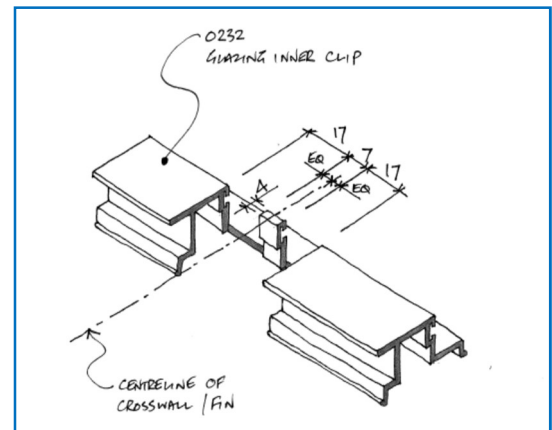


- The glazing inner clip (**0230**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint with the centre section of the clip on the office front and cut away the snap-in legs for the first 25mm.

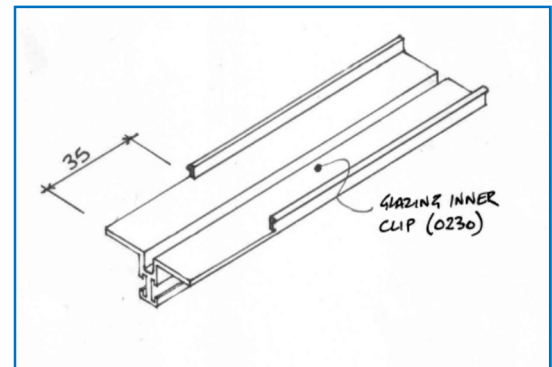


A.4 - Cuts for 3-Way Junctions – Single Glazed Front to Double Glazed Cross-wall/Fin

- The glazing inner clip (**0232**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 41mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving two open slots of 17mm either side of its middle 7mm – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.

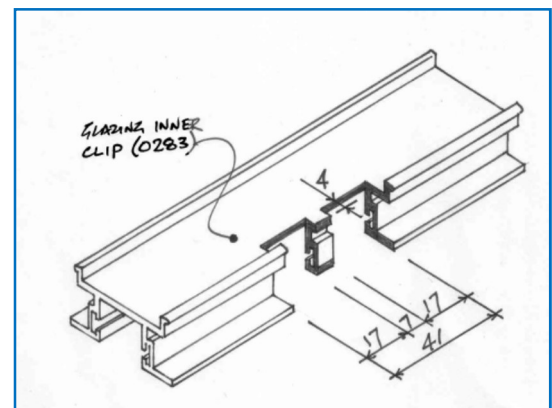


- The glazing inner clip (**0230**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 35mm.

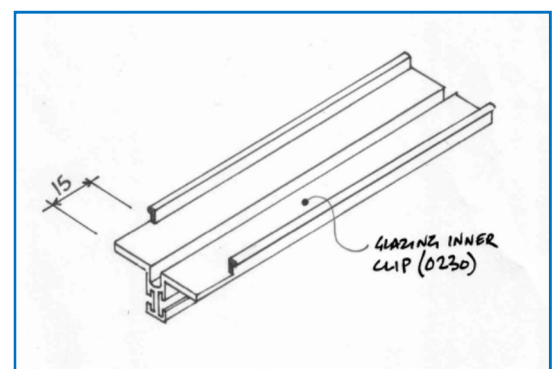


A.5 - Cuts for 3-Way Junctions – Centrally Glazed Front to Double Glazed Cross-wall/Fin

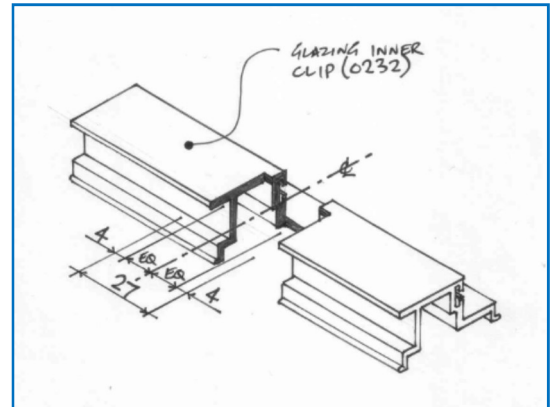
- The glazing inner clip (**0283**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 41mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving two open slots of 17mm either side of its middle 7mm – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.



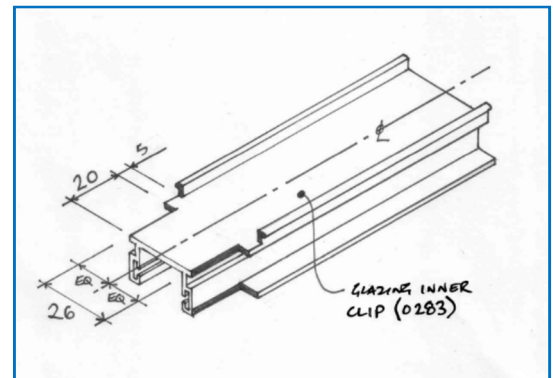
- The glazing inner clip (**0230**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 55mm.



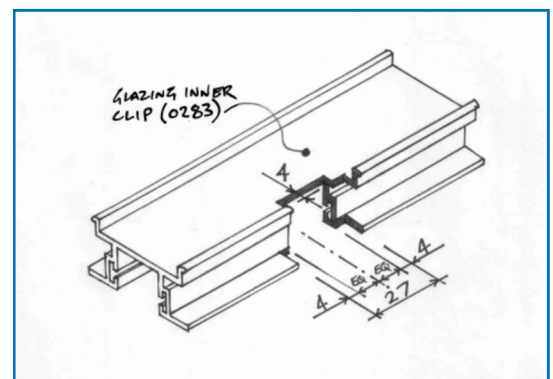
- The glazing inner clip (**0232**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 27mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving an open slot between two 4mm shoulders – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.



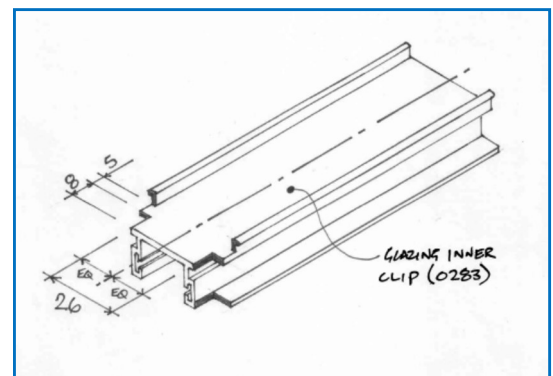
- The glazing inner clip (**0283**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 25mm (20mm+5mm).
- Cut a 20mm deep shoulder on both faces to leave a 26mm wide, equally spaced central section – see detail



- The glazing inner clip (**0283**) for the office front needs to be notched for the intersection with the cross-wall/fin.
- Cut a 27mm notch on the side facing the cross-wall/fin as far as the back face of the seal slot. This should then be cut further through leaving an open slot between two 4mm shoulders – see detail. This notch should be centred on the cross-wall/fin centreline. Note – It is important that the setting out of the cut is accurate to avoid open butt-joints on adjoining clips.



- The glazing inner clip (**0283**) for the cross-wall/fin needs to be notched to allow it to locate with the glazing inner clip on the office front
- Cut the glazing inner clip for a butt-joint behind the seal slot of the clip on the office front and cut away the snap-in legs for the first 13mm (8mm + 5mm).
- Cut an 8mm deep shoulder on both faces to leave a 26mm wide, equally spaced central section – see detail

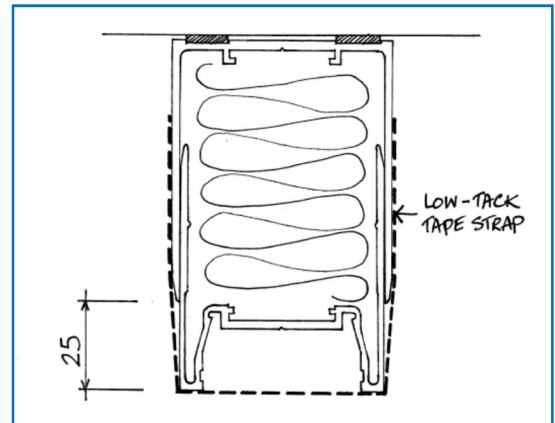
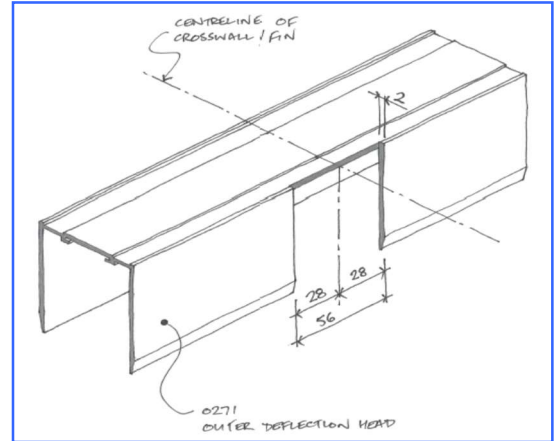


- The track installation below the deflection head will follow the same method as the non-deflection version described in the main text above.

Appendix B Installing with a [Outer] Deflection Head

To install a deflection head the head track (0241) is replaced with a composite unit. The following is the method for $\pm 25\text{mm}$ deflection. The method for $\pm 40\text{mm}$ is similar.

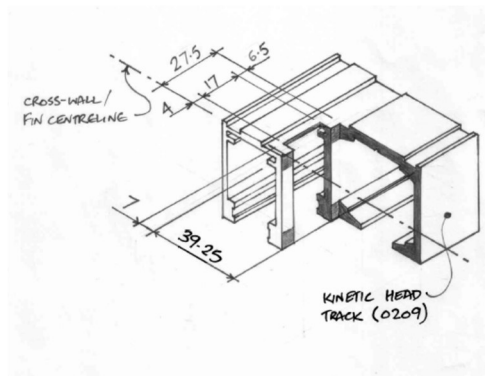
- The outer deflection head (0271) should be cut for a continuous tight fit between vertical abutments, with 90° corners cut with two clean 45° mitres and drilled for fixing along its centreline.
- At 3-way junctions, the cross-wall/fin track will have a square-cut butt-joint to the office front track and the office front track must be notched with a 56mm wide x full depth slot – see detail
- Before fixing head track in position, ensure that the two grooves on the top surface are fitted with acoustic foam tape.
- The lower component of the deflection head is assembled to exactly the same method as the inner deflection head described in Appendix A above, using the same components.
- Loosely fill the upper half of the track with 16kg/m^3 mineral wool.
- Insert the assembled lower component into the deflection head track so that there is 25mm projecting and hold in place using a series of temporary low tack tape straps. The straps will be removed progressively as the glass is installed and is able to support the track.
- The track installation below the deflection head will follow the same method as the non-deflection version described in the main text above.



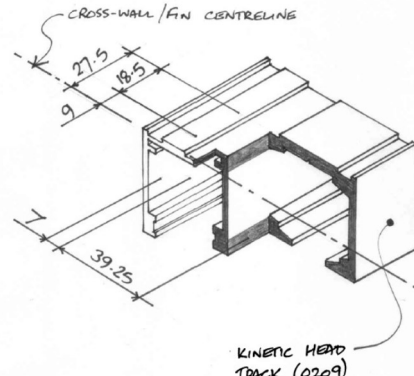
Appendix C 3-Way Cross-wall/Fin junction to Kinetic Sliding Door System

The kinetic track will be cut with a notch where the two lengths meet at the cross-wall/fin centreline this will leave a 54mm wide slot into which the Revolution 54 head track (0226) or lower deflection head section (0221) will locate – see below

- Cut the cross-wall/fin track sections (and their respective glazing inner clips) for a butt-joint with the back of the notch, which is 39.5mm from the inner face of the Kinetic head track (0209).



Kinetic head track notch to double glazed
Revolution 54 cross-wall/fin

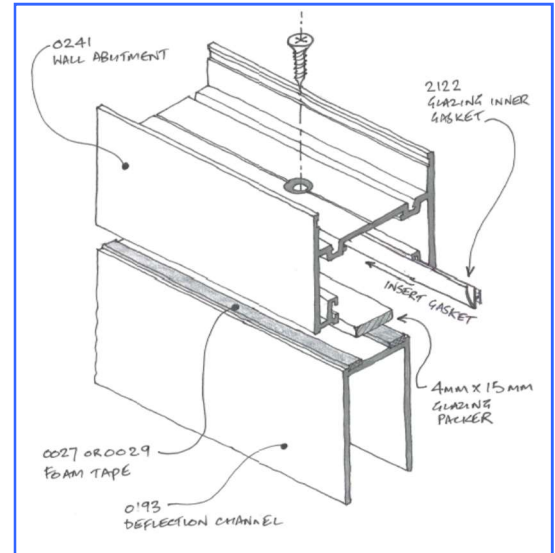


Kinetic head track notch to centrally glazed
Revolution 54 cross-wall/fin

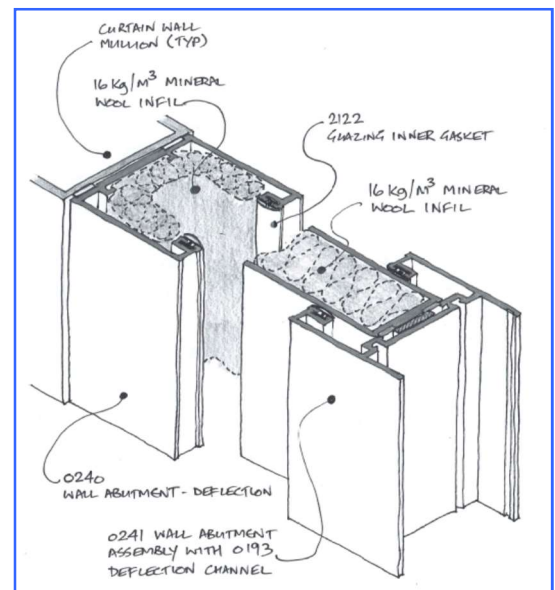
Appendix D Installing with a Compressible Abutment for Lateral Deflection

The Revolution 54 system has a purpose made abutment detail which can be used where there is a requirement to contain lateral deflection – example: at perimeter curtain wall mullions. This detail will provide $\pm 10\text{mm}$ lateral deflection. It should be noted that it is not possible to accommodate structural movement in two directions at the same point. Therefore it is assumed that there will be no vertical deflection prevalent in this location.

- Cut a length of wall abutment channel (**0241**) for a tight fit between floor and ceiling and insert glazing inner gasket (**2122**) into both slots.
- Cut a length of deflection channel (**0193**), also to suit floor to ceiling and attach a strip of foam tape (**0027** grey or **0029** white) to each groove on the base.
- Fix the two sections together on their common centreline using countersunk no.6 x 13mm speed-tip self-tapping screws and 4mm x 15mm glazing packers as spacers.



- Cut a length of deflection abutment (**0240**) for a tight fit between floor and ceiling and insert a glazing inner gasket into both slots.
- Attach a strip of Foam Tape (**0027** grey or **0029** white) to each groove on the base.
- Position it against the structure and fix on its centreline with appropriate screws. In cases where mechanical fixing is not permitted, a strong self-adhesive tape of appropriate thickness will be sufficient.
- Loosely fill the cavity with 16kg/m^3 mineral wool, allowing sufficient space for the assembled wall abutment to penetrate.
- Fill the deflection channel on the abutment assembly with 16kg/m^3 mineral wool and insert into the open section on the abutment leaving the two sections 10mm apart



Complete the track installation, building away from the compressible abutment

Appendix E Installing CONCEAL and DUO Doors

CONCEAL and DUO doors have the peripheral track sections supplied in kit form and these are individually formed depending on the door type and partition head track configuration.

The primary (lower) head track section is factory machined with a slot to receive the adjustable top pivot. This slot is positioned at approximately 1/3:2/3 on a standard section length of 3100mm.

Therefore it is essential that the door reveal is set out accurately before cutting and fixing the critical head track section.

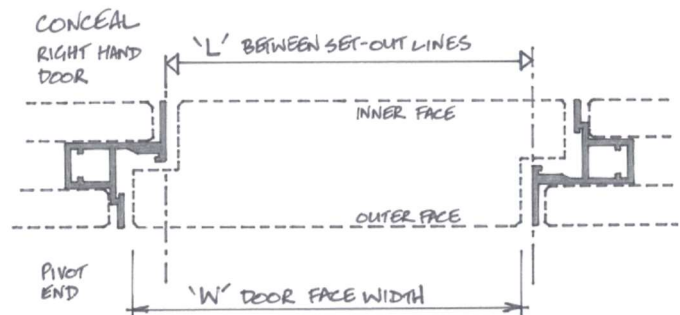
Setting Out

- As illustrated below, the set-out lines for each door type are taken from the face of the reveal abutment section (**0354** for CONCEAL and **0353** for DUO) at the pivot end of the door. Mark this position as the starting point to set out the remainder of the opening as follows:

CONCEAL Door

$$'L' = 'W' - 5\text{mm}$$

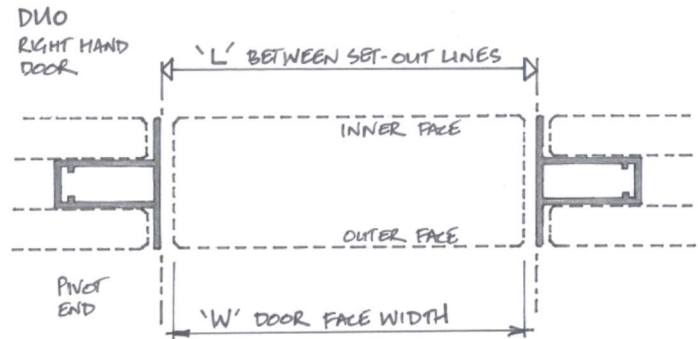
Measure from the first set-out line by dimension 'L' and mark the second set-out line for the opposite side of the door



DUO Door

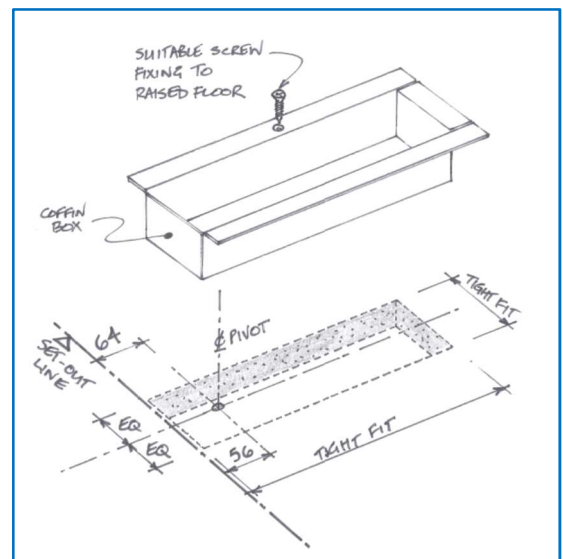
$$'L' = 'W' + 8\text{mm}$$

Measure from the first set-out line by dimension 'L' and mark the second set-out line for the opposite side of the door



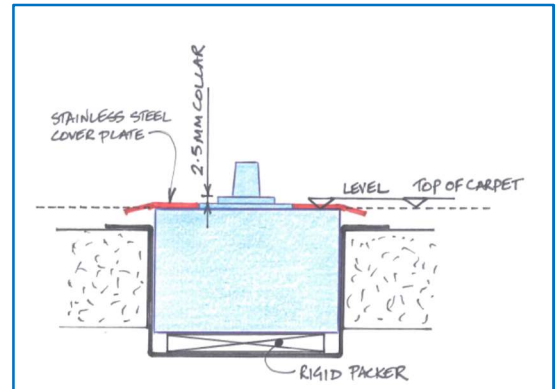
Position the Floor Spring/Pivot

- On the pivot centreline, measure 64mm from the first set-out line. This will be the pivot centreline.
- Measure back 56mm for the end line of the floor spring coffin box. Position the coffin box, mark and cut for a tight fit in the hole.
- If fitting a free-swing pivot drill a 30mm diameter hole (20mm deep) on the pivot centreline.



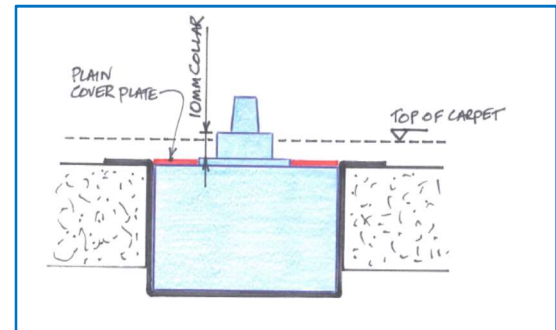
- If installing doors with floor springs (In-line or in Microflush frames), set the spring in the coffin box. There are two possible settings for the floor spring:

Position 1 uses the proprietary stainless steel cover plate and requires the floor spring to be set level with the floor finish. Assuming an 8mm carpet, this will require a rigid 10mm packer in the base of the coffin box before inserting the spring.



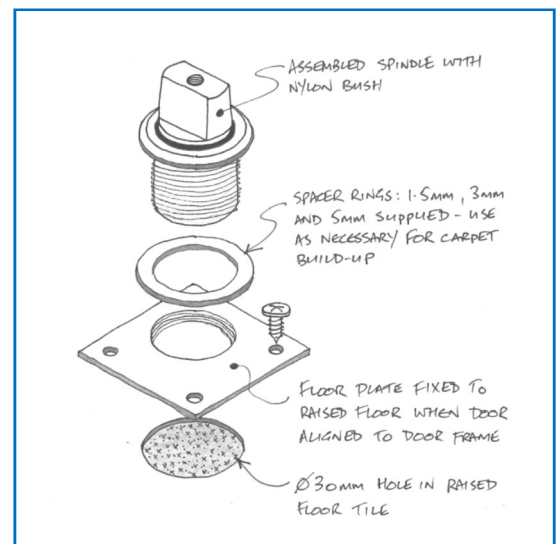
Position 2 uses a plain steel cover plate, allowing the spring to be set below a carpet. Remove the factory fitted spindle which will have a 2.5mm high collar and replace with a spindle having a 7.5mm extension. This will have a 10mm collar – see detail

Plumb the spring to the pivot overhead before tightening the spring into its mounting plates.



If installing doors with free-swinging floor pivots position and fix the floor pivot:

- Insert the barrel of the spindle into the base plate, allowing enough spacer rings to suit the carpet thickness.
- Place the barrel into the hole in the floor and align to position plumb to the pivot overhead.
- Fix to the floor tile using screws appropriate to the floor tile material.



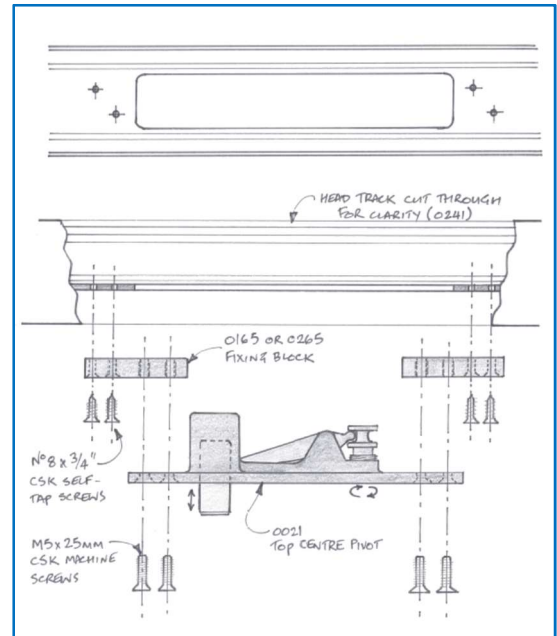
NOTE: The free-swinging pivot is only appropriate for use with the single action CONCEAL door. The free-swinging pivot should not be used with the DUO door.

Prepare and Install the Head Track

The head track above the door opening must be fitted first as it is factory machined for the adjustable top centre pivot. The components noted in the following description are all supplied in the door kit.

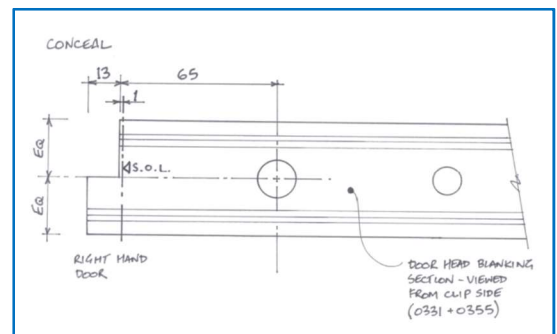
- Fit a the pair of fixing blocks either end of the factory-machined slot by driving the two No.8 x $\frac{3}{4}$ " countersunk self-tapping screws through the block into the two pilot holes on the head track.
- Align and fix the top centre pivot to the fixing blocks using the M5 x 25mm countersunk machine screws supplied.
- Cut the head track to suit the site layout. In situations where there are two doors either side of a cross-wall fin the head track should be cut for a butt joint on the cross-wall centreline.
- Install the head track as described in the main text.

NOTE: For head tracks 0226 (40mm) and 0257 (25mm) the top centre pivot will project above the finished ceiling line. When installing, make the necessary provision in the ceiling (cut a hole) to allow the pivot to function correctly.

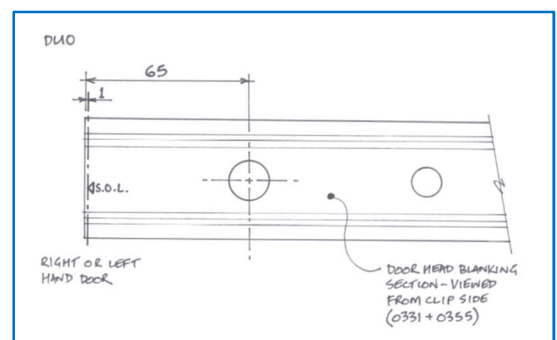


Complete the track installation above the door by fitting the blanking section.

- For CONCEAL doors square-cut the blanking section at 78mm from the centreline of the larger hole.
- Cut the section to length. Referring to the setting out details above, the blanking section will be measured at '**L' + 28mm**'
- Cut a 13mm notch to the linear centreline at each end on opposite sides of the section (see detail). This will enable the cut line to be concealed by the door jamb.



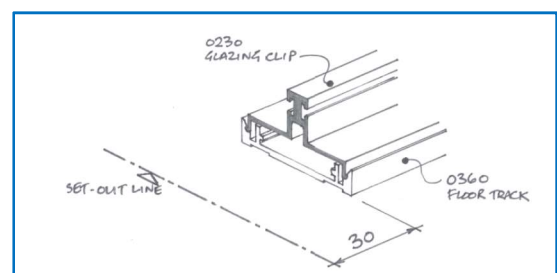
- For DUO doors square cut the blanking section at 65mm from the centreline of the larger hole.
- Cut the section to length. Referring to the setting out details above, the blanking section will be measured at '**L' + 2mm**'
- The blanking plate should be square cut at both ends. No notches are necessary.



Install the Partition Floor Track

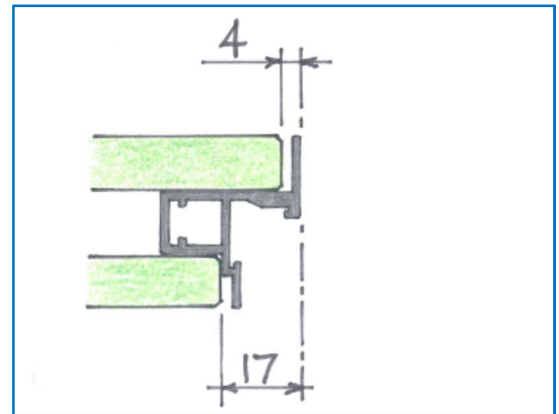
The partition glazing either side of CONCEAL and DUO doors must be installed on a 25mm base track comprising 0360 floor track, 0230 glazing clip and two 0256 floor angles.

- Measure 30mm away from the set-out line on each side of the door and square cut the floor track and glazing clip for fixing from this point.

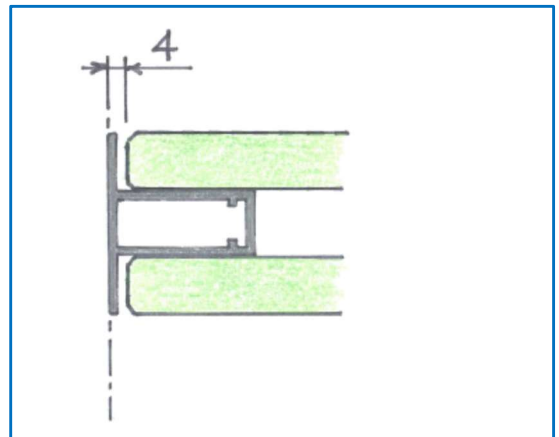


Measure for the Partition Glass

- For CONCEAL doors, the partition glass either side of the door should be measured to 4mm and 17mm from the set-out line respectively (see detail)
- Glass height and intermediate joint dimensions should be the same as described in the main text.



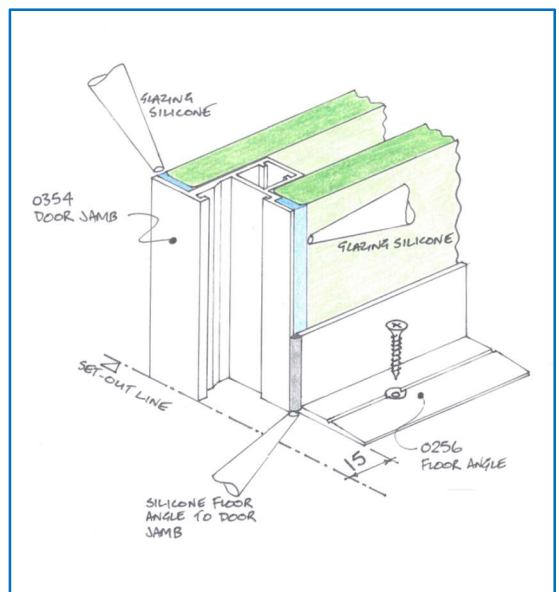
- For DUO doors, the partition glass should be measured to 4mm from the set-out line for all glass panels (see detail)
- Glass height and intermediate joint dimensions should be the same as described in the main text.



Completing the Door Reveals

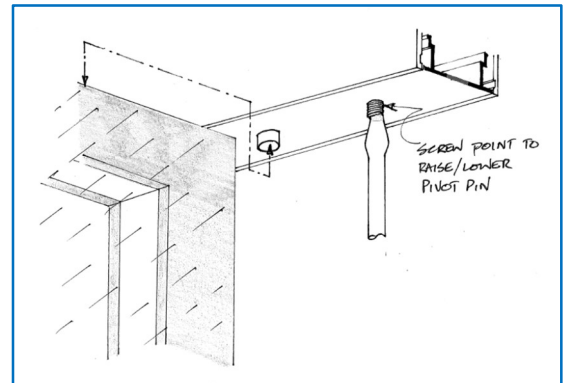
With the glass installed and plumbed to the correct position in relation to the set-out lines, complete the reveal installation.

- Cut the door reveal sections (**0354** for CONCEAL and **0353** for DUO) for a tight fit between the head track and the raised floor.
- Insert the reveal section between the two glass panes and push home until it is plumb and aligned with the set-out line.
- Clamp in place with quick-grips and silicone using glazing silicone, tooling off to a flush finish (see detail). Keep the quick-grips in place for 24 hours until the silicone has fully cured.
- Cut the floor angles so that they terminate behind the reveal flange. This will be 15mm from the set-out line on the rebate side of the CONCEAL reveal and 2mm on the other (2mm both sides for DUO).
- Countersink for fixing to the raised floor with suitable fixing screws.
- Apply a bead of silicone between the reveal flange and the cut end of the floor angle. This should ideally be done with a silicone colour sympathetic to the finish of the aluminium sections.



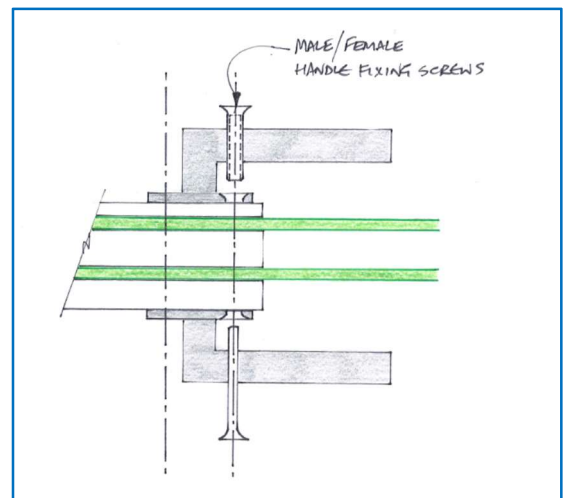
Install the Door

- Rotate the floor spindle to 90 degrees from the door centreline. In the case of a floor spring (assuming it has a hold-open facility) this will cause the hold-open to engage.
- Position the door on the spindle and locate with the strap on the base edge of the door.
- While holding upright, position the top edge of the door so that the strap aligns with the pivot pin.
- Turn the adjustment screw to lower the pivot pin until it is fully engaged on the strap.



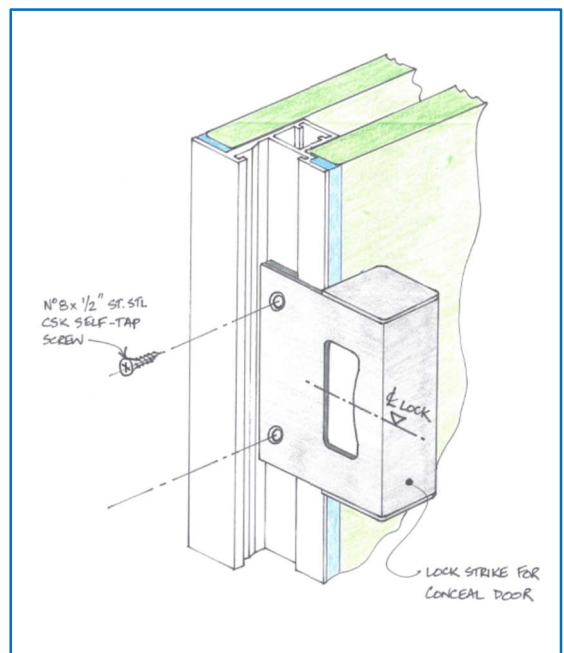
If the door has a lock/latch, this will be already attached to the door.

- Attach the lever handles using the male/female screw sets supplied
- If the door has pull handles, fit these while ensuring that the handle bolts (supplied in the door) are not withdrawn. This could cause the inter-glass spacer to slip. In this event it may be necessary to strip the door to retrieve the spacer at the user's cost.

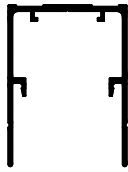


For doors with lock/latch, fit the lock strike.

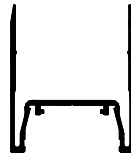
- Align the lock strike so that the centre of the latch bolt is level with the centre of the hole in the strike.
- Locate the strike plate into the door reveal gasket slot using the back bar and pilot drill for a pair of No.8 x 1/2" countersunk self-tapping screws before fixing with the stainless steel screws provided



Appendix F Schedule of Components



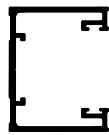
0220xxxxxxx ±25mm Deflection Head (upper)
3100mm lengths
Use with deflection head (lower) (0338)



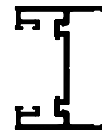
0338xxxxxxx ±25mm Deflection Head (lower)
3100mm lengths
Use with deflection head (upper) (0220) and head channel clip (0222)



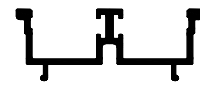
0223xxxxxxx Base Channel (40mm)
3100mm lengths
Use with glazing inner clips (0230, 0232 & 0288) and glazing beads (0245 & 0286)



0225xxxxxxx Deflectⁿ Abutment (40mm)
3100mm lengths
Use with wall abutment (0226) & deflⁿ channel (0193) for compressible abutment



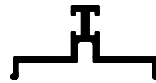
0226xxxxxxx Wall Abutment (40mm)
3100mm lengths
Use with glazing inner clips (0227, 0228 & 0284)



0227xxxxxxx Glazing Inner Clip (D/G)
3100mm lengths
Use with all vertical tracks and non-deflection head tracks for double glazing



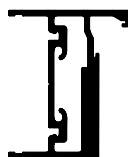
0228xxxxxxx Glazing Inner Clip (S/G)
3100mm lengths
Use with all vertical tracks and non-deflection head tracks for single glazing



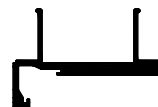
0230xxxxxxx Glazing Inner Clip (D/G)
3100mm lengths
Use with all floor tracks and deflection head tracks for double glazing



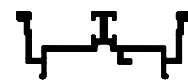
0232xxxxxxx Glazing Inner Clip (S/G)
3100mm lengths
Use with all floor tracks and deflection head tracks for double glazing



0234xxxxxxx Door Jamb (50mm)
Supplied in kit form with door head (0235)



0235xxxxxxx Door Head
Supplied in kit form with door jamb (0234 or 0237)



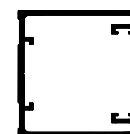
0236xxxxxxx Glazing Inner Clip (D/G)
3100mm lengths
Use with lock side door jamb (0237) on 40mm door frame



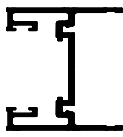
0237xxxxxxx Door Jamb (40mm)
Supplied in kit form with door head (0235)



0238xxxxxxx Base Channel (50mm)
3100mm lengths
Use with glazing inner clips (0230, 0232 & 0288) and glazing beads (0245 & 0286)



0240xxxxxxx Deflectⁿ Abutment (50mm)
3100mm lengths
Use with wall abutment (0241) & deflⁿ channel (0193) for compressible abutment



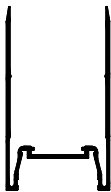
0241xxxxxxx Wall Abutment (50mm)
3100mm lengths
Use with glazing inner clips (**0227**, **0228** & **0284**)



0245xxxxxxx Glazing Bead (40mm)
3100mm lengths
Use with base channel (**0223**)



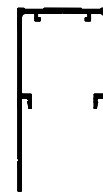
0246xxxxxxx Glazing Bead (50mm)
3100mm lengths
Use with base channel (**0238**)



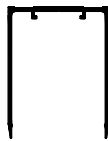
0249xxxxxxx ±40mm Deflection Head (lower)
3100mm lengths
Use with deflection head (upper) (**0270**)



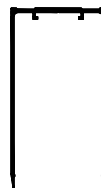
0257xxxxxxx Wall Abutment (25mm)
3100mm lengths
Use with glazing inner clips (**0227**, **0228** & **0284**)



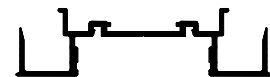
0270xxxxxxx ±40mm Deflection Head (upper)
3100mm lengths
Use with deflection head (lower) (**0249**)



0271xxxxxxx ±25mm Outer Deflection Head
3100mm lengths
Use with deflection head (lower) (**0221**)



0272xxxxxxx ±40mm Outer Deflection Head
3100mm lengths
Use with deflection head (lower) (**0249**)



0274xxxxxxx Tapeable Glazing Bar (Optima 97)
Use with glazing inner clips (**0227**, **0228** & **0284**) for a direct abutment with Optima 97 drywall



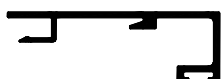
0281xxxxxxx Glazing Bead (25mm)
3100mm lengths
Use with base channel (**0289**)



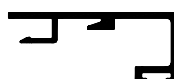
0283xxxxxxx Glazing Inner Clip (C/G)
3100mm lengths
Use with deflection heads (lower) (**0338** & **0249**) for central glazing



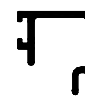
0284xxxxxxx Glazing Inner Clip (C/G)
3100mm lengths
Use with all vertical tracks and non-deflection head tracks for central glazing



0285xxxxxxx C/G Glazing Bead (50mm)
3100mm lengths
Use with base channel (**0238**) for central glazing



0286xxxxxxx C/G Glazing Bead (40mm)
3100mm lengths
Use with base channel (**0223**) for central glazing



0287xxxxxxx C/G Glazing Bead (25mm)
3100mm lengths
Use with base channel (**0289**) for central glazing



0288xxxxxxx C/G Glazing Inner Clip (Plinth)
3100mm lengths
Use with base channels (**0223**, **0238** & **0289**) for central glazing



0289xxxxxxx Base Channel (25mm)
3100mm lengths
Use with glazing inner clips (**0230**, **0232** & **0288**) and glazing beads (**0281** & **0287**)



0300xxxxxxx Tapeable Glazing Bar (Generic 70mm stud)
3100mm lengths
Use with glazing inner clips (**0227**, **0228** & **0284**) for a direct abutment with 70mm stud drywall



0301xxxxxxx Tapeable Glazing Bar (Generic 48mm stud)
3100mm lengths
Use with glazing inner clips (**0227**, **0228** & **0284**) for a direct abutment with 48mm stud drywall



0193xxxxxxx Deflection Channel
3100mm lengths
Use with deflⁿ abutments (**0225** or **240**) & wall abutment (**0226** or **0241**) for compressible abutment



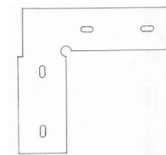
212141300031 Glazing Outer Gasket (push-fit)
3000mm lengths
Use for glazing outside face of all glazing tracks (except central glazing)



212241300031 Glazing Inner Gasket (slide-fit)
3000mm lengths
Use with all glazing inner clips and central glazing beads



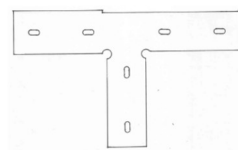
227041300031 Door Frame Gasket
3000mm lengths
Use as door seal in door jamb (**0234**, **0237** and **0354**) and door head (**0235**)



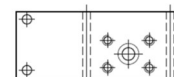
012352000011 Deflection Head Corner Splice
Single units
90° jointing splice for deflection head (lower) (**0338** or **0249**)



012452000011 Deflection Head In-line Splice
Single units
Butt-jointing splice for deflection head (lower) (**0338** or **0249**)



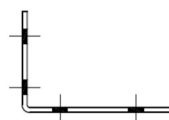
012552000011 Deflection Head 3-Way Splice
Single units
3-way jointing splice for deflection head (lower) (**0338** or **0249**)



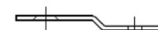
0121090000001 50mm Door Jamb/Head Joint Bar
Supplied as part of the door frame fixing pack



0122090000001 40mm Door Jamb/Head Joint Bar
Supplied as part of the door frame fixing pack



012152000011 Door Jamb Base Fixing Clip
Supplied as part of the door frame fixing pack

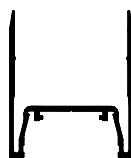


013252000011 Door Jamb/Head Securing Clip
Supplied as part of the door frame fixing pack



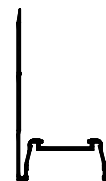
002731030637 Acoustic Foam Tape (grey)

Roll of 30 metres
6mm x 3mm self-adhesive acoustic foam tape (also **002934030637** – white)



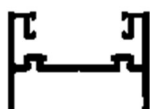
033809000103 Head Track (Door)

1 x 3100mm length
Supplied machined as part of CONCEAL or DUO door kit



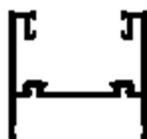
024909000103 Head Track (Door)

1 x 3100mm length
Supplied machined as part of CONCEAL or DUO door kit



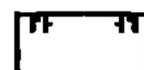
022609000103 Head Track (Door)

1 x 3100mm length
Supplied machined as part of CONCEAL or DUO door kit



024109000103 Head Track (Door)

1 x 3100mm length
Supplied machined as part of CONCEAL or DUO door kit



025709000103 Head Track (Door)

1 x 3100mm length
Supplied machined as part of CONCEAL or DUO door kit



0256xxxxxxx Floor Angle (25mm)

3100mm lengths
Use with base channel (**0256**) when fitting CONCEAL or DUO doors



0360xxxxxxx Base Channel (25mm)

3100mm lengths
Use with glazing inner clip (**0230**) and floor angle (**0256**) when fitting CONCEAL or DUO doors



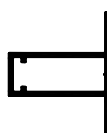
0331xxxxxxx Blanking Clip

1 x 3100mm length.
Supplied machined as part of CONCEAL or DUO door kit to blank the head track. Use with head tracks (**0257**, **0226** and **0241**)



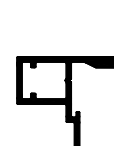
0355xxxxxxx Blanking Clip

1 x 3100mm length.
Supplied machined as part of CONCEAL or DUO door kit to blank the head track. Use with deflection head tracks (**0338** & **0339**)



0353xxxxxxx Plain Door Jamb

2 x 3100mm lengths.
Supplied as part of the DUO door kit



0354xxxxxxx Rebated Door Jamb

2 x 3100mm lengths.
Supplied as part of the CONCEAL door kit



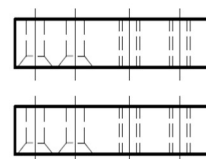
002165000042 Top Centre Pivot

1 Nr (with screws)
Supplied as part of CONCEAL or DUO door kit



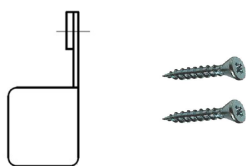
026509000001 Top Centre Fixing Block & 018600000044 Fixing Screws

1 Nr Set
Supplied as part of CONCEAL or DUO door kit for use with head tracks (**0226**, **0241** & **0249**)



016509000001 Top Centre Fixing Block & 018600000044 Fixing Screws

1 Nr Set
Supplied as part of CONCEAL or DUO door kit for use with head tracks (**0257** & **0338**)



**002610000012 Lock Strike &
016200000044 Fixing Screws**

1 Nr Set

Supplied as part of CONCEAL lockable
door kit

Appendix F Amendment Record

Amendment Date	Details	How Communicated	Authorized by
30 June 2011	First issue as part of the Formal Product Launch	Product Launch Documentation	P. Long
18 March 2013	Revised to incorporate CONCEAL and DUO door method	Uploaded to website	P. Long
15 April 2014	Minor textual amendments	Uploaded to website	P. Long
16 July 2014	Minor textual amendments	Uploaded to website	P. Long