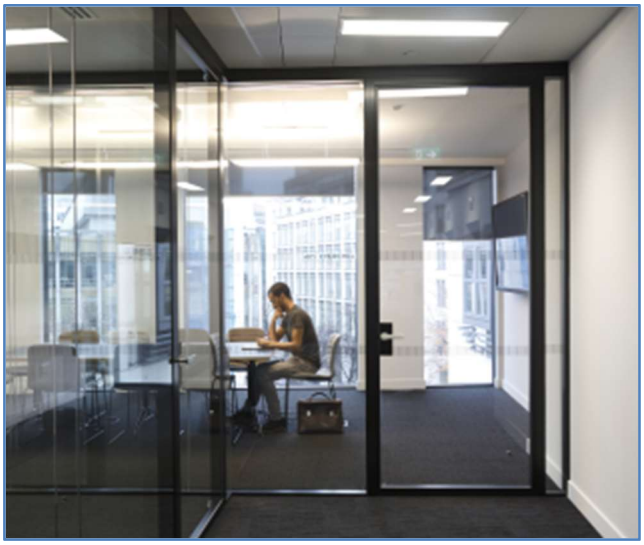


Revolution 100

Single/Double Glazed Partition System

Incorporating ELITE Aero Pocket Sliding Door

9 March 2016

Installer's Guide

General Introduction

The purpose of this Installer's Guide is to illustrate the specific sequence and method for construction of **Revolution 100 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:

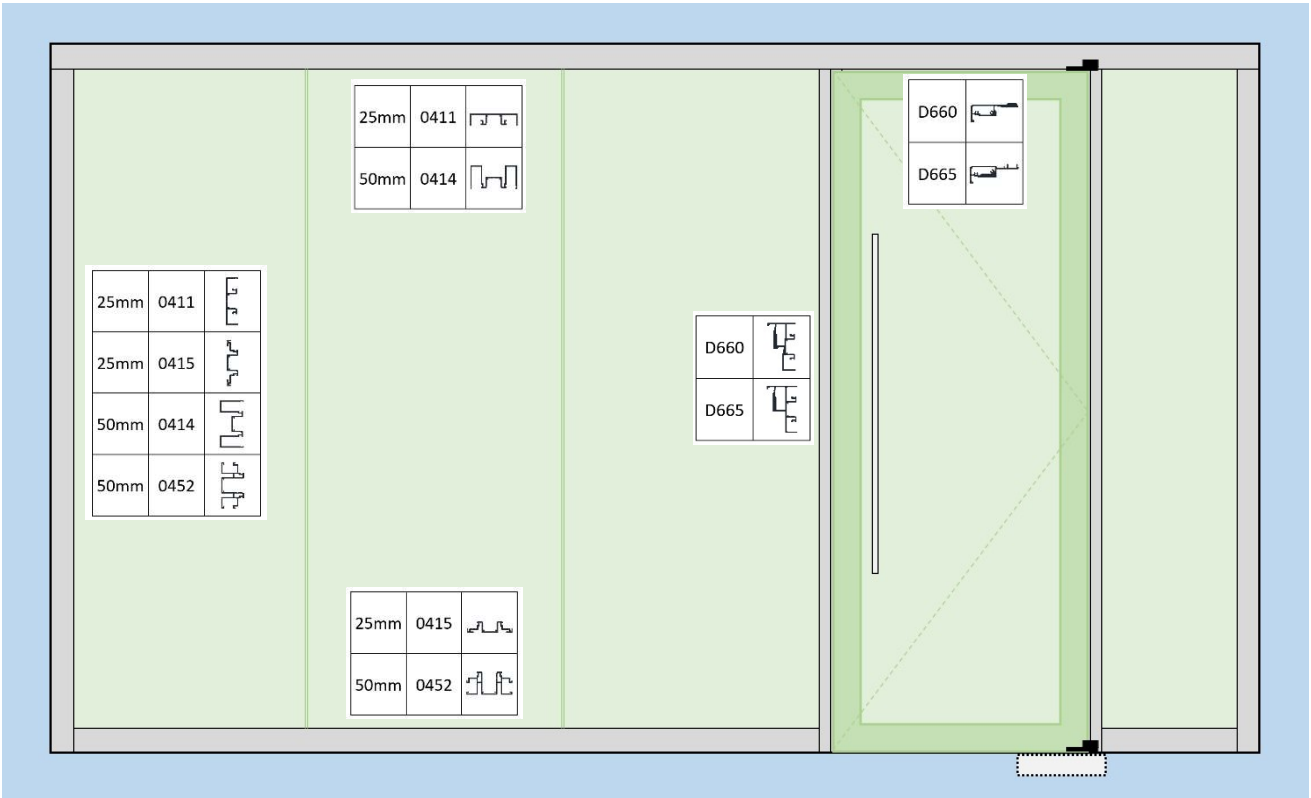
- Avoid cut lines/butt-joints coinciding on multi-section tracks – example: Floor track and glazing beads
- Ensure that where butt-jointing aluminium sections, the painted end of the extrusion is cut off first. This will ensure a good joint by removing the uneven end that can occur during the extrusion 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. Where the fixing surface is irregular and the acoustic treatment leaves the track proud of the surface, carefully apply an even bead of sympathetically coloured caulking sealant.

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



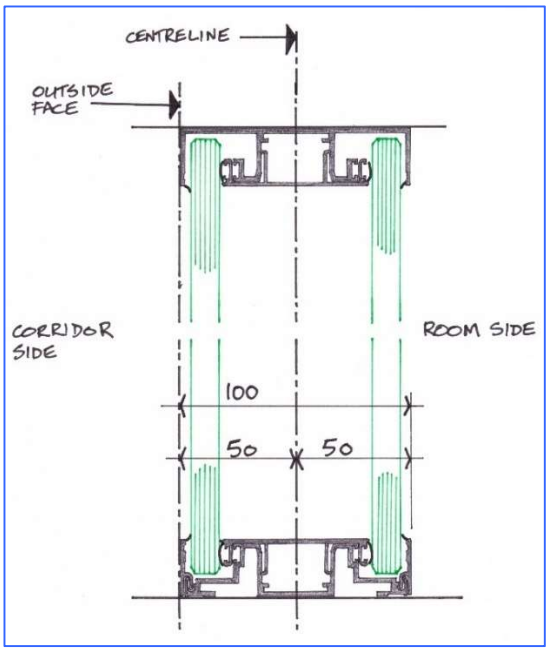
Installation Sequence

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

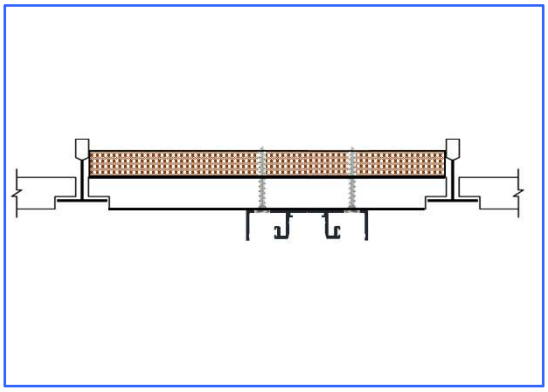
Setting Out

Setting out lines should be marked for both the outside face of the partition and the centreline of the tracks. This is because the positioning of components may be referenced from either line in the methodology that follows.

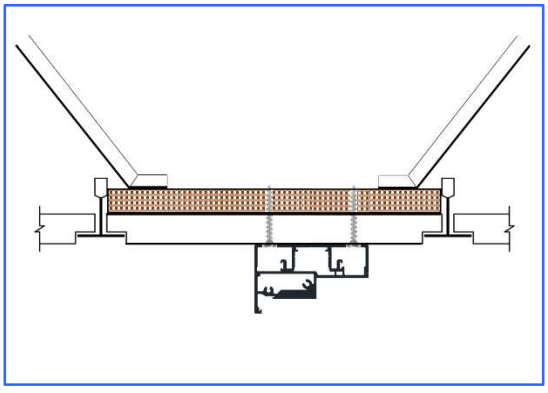


1 Prepare the Surrounding Structure

- 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 pattress is positioned above the ceiling on the line of the head track. This will be ideally 18 or 25mm plywood and should be securely fixed in place between the ceiling grids.



- It may also be necessary to brace the pattress back to the slab to eliminate any lateral movement in the event of a line load or eccentric door load being applied. This will be particularly important with a tegular style/lay-in grid ceiling where the wire hangers and loose grid network will not adequately support a heavy door through its open/close cycle.

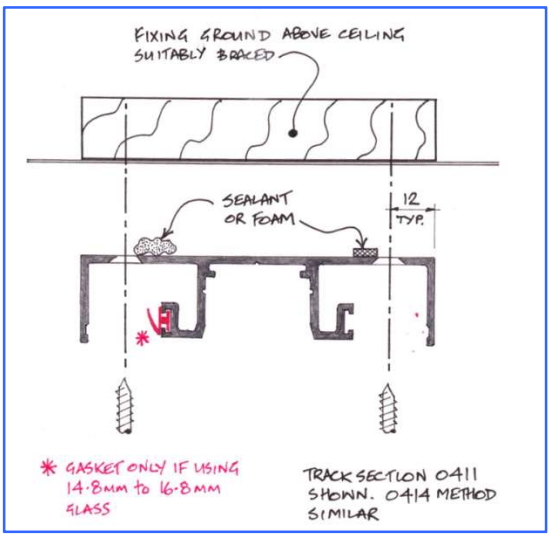


2 Install the Head Track

- The head track (**0411**) should be cut for a continuous tight fit between vertical abutments with 90° corners cut with two clean 45° mitres and drilled for fixing through each glazing slot. The fixing holes should be 12mm from the edge of the track and countersunk on the inside.

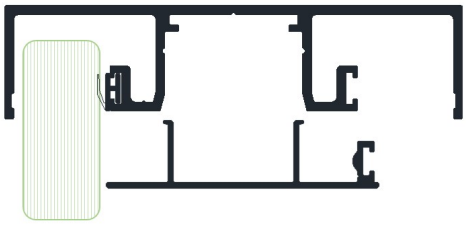
  Before fixing head track in position, ensure that the top surface has either two rows of 3mm x 6mm acoustic foam tape or two continuous beads of proprietary acoustic sealant

  The groove in the extrusion (✳) may be required to have a gasket inserted and this is determined by the thickness of glass being used. See below for details.



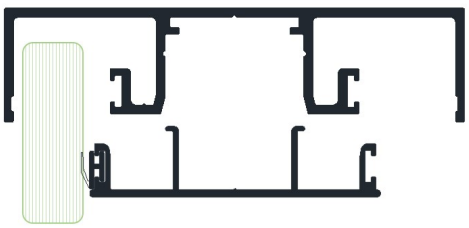
  For installations using **14.8mm**, **15mm** and **16.8mm** glass, the slide-in gasket will be inserted into the primary track section before fitting to the abutment.

  NOTE: This principle applies to all abutment tracks and door frame jambs



14.8mm, 15mm and 16.8mm glass
Gasket in primary track

  For installations using **10mm**, **10.8mm**, **12mm** and **12.8mm** glass, the slide-in gasket will be inserted into the snap-in cover plate section.



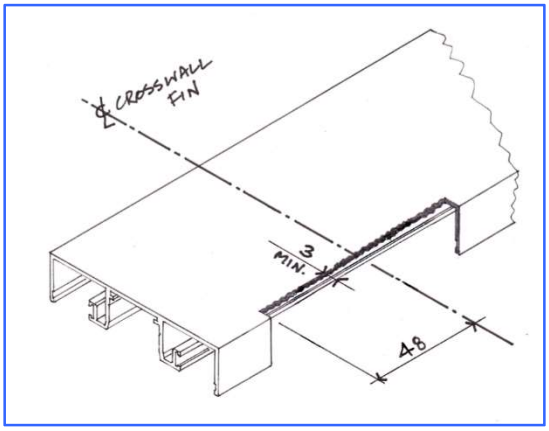
10mm, 10.8mm, 12mm and 12.8mm glass
Gasket in snap-in section

- For 3-way junctions to double glazed perpendicular fins where the front screen is double glazed, the front track must be notched to allow the glass to pass through.

  Cut a 96mm wide slot, 48mm either side of the centreline x at least 3mm deep – see detail.

  The neatness of the cut into the top surface of the track is not critical as this will not be seen.

  The perpendicular track will be simply cut for a tight fit between the front track and the opposite end abutment.

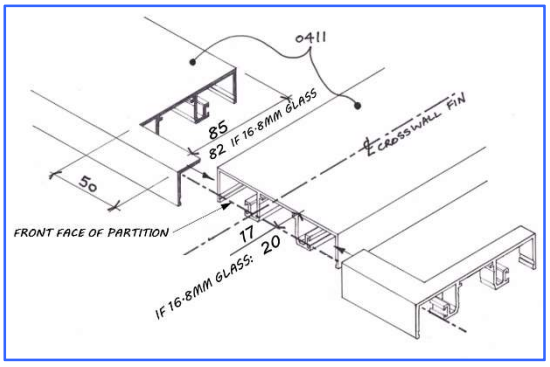


- Where the front screen is single glazed, this will be offset to the front face so the perpendicular fin glass has to penetrate further.

  In this case the perpendicular track needs to merge with the front track. Therefore, the front track needs to be butt-jointed on the centreline.

  Cut the perpendicular track for a tight fit to a line 17mm short of the outer setting out line and fix it first. Where the front glass is 14.8mm or greater, this dimension will be 20mm

  Cut each section of front track with a 50mm wide x 85mm deep notch, ensuring the cuts are clean and straight and fix around the perpendicular track so that the outer butt-joint is tight. Where the front glass is 14.8mm or greater, the notch will be 82mm deep



3 Prepare the Floor for Door Pivots

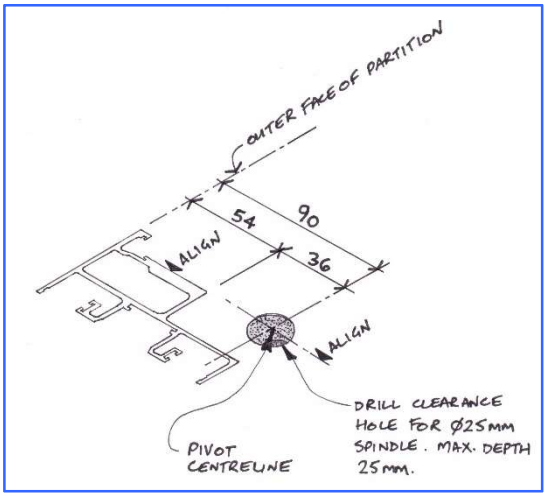
Before preparing the floor for floor pivot/springs, first set out the door frame position. The standard door frame widths are as follows:

D660 (for ELITE range of doors): 1094mm
D665 (for all other doors types): 1104mm

- Set out the position of the door frames and mark each jamb position on the floor. The door frame position should allow sufficient space for the door to swing through at least 90 degrees with allowance made for any door furniture that may project beyond the inside face of the door.

  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 or 90mm from the outer setting out line. This will be the position of the pivot centreline – see detail.

- For a **free-swing pivot**, at the pivot centreline, drill a clearance hole for a 25mm diameter spindle to a maximum depth of 25mm (assuming fixing on a raised access floor).



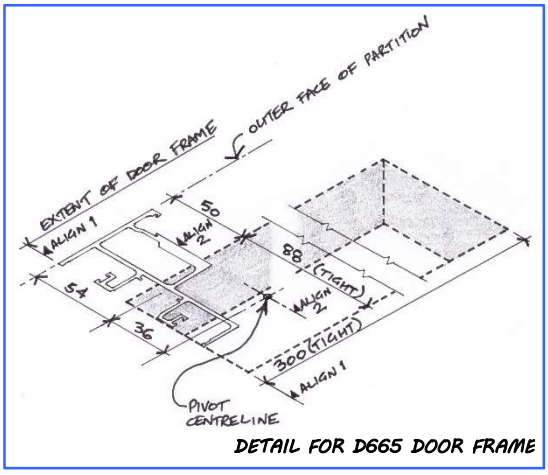
- For doors having a **floor spring**, the pivot centreline position is the same as for the free-swing pivot

  Cut a hole in the raised access floor for a tight fit to the coffin box. This should be 300mm long x 88mm wide but check the coffin box before cutting to avoid any errors due to manufacturing tolerance.

  The short edge at one end of the hole will be 52 beyond the pivot centreline. With the D665 frame, this will mean that the hole aligns with back edge of the door frame.

  For the D660 frame, this will be 5mm beyond the back edge of the door frame

  Drop the coffin box into the hole and fix to the floor through the holes in the flanges.



Important note:

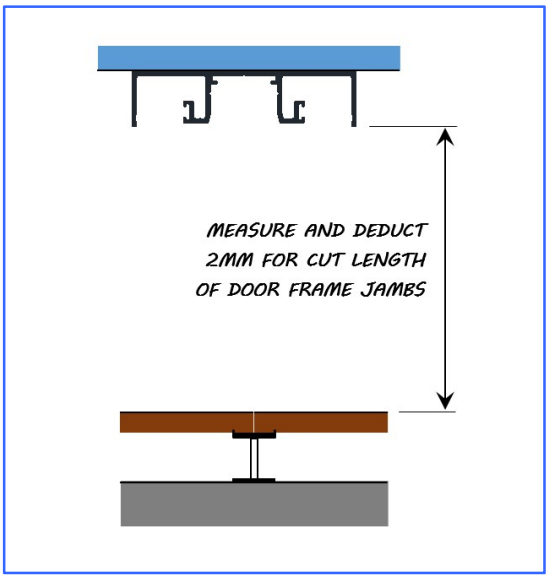
With the floor spring positioned partially beneath the partition floor track, this will require the spring to be installed below the carpet with a plain, hidden cover plate. Consideration should be given to protecting the floor spring for the duration of the installation period.

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 **D665** door frame. The method for the D660 frame is similar.

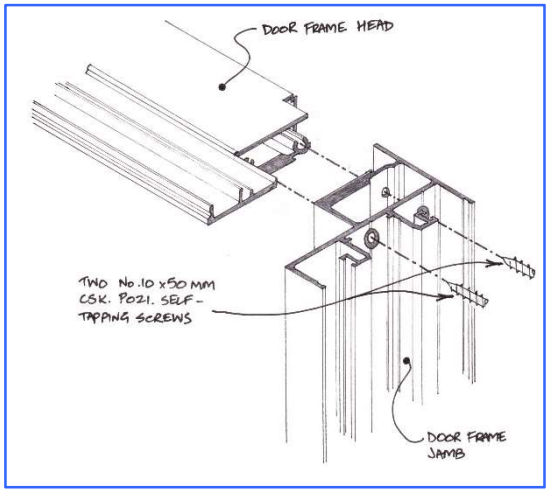
- Cut the door frame jambs to length. This will be 2mm shorter than the tight dimension from the raised access floor to the underside of the partition head track.

  IMPORTANT – Ensure the cut is from the plain end of the door jamb.



- Lay out the two jambs and the head in loose formation on a clean, flat floor surface. The floor should ideally be protected to ensure the frame finish isn't damaged.

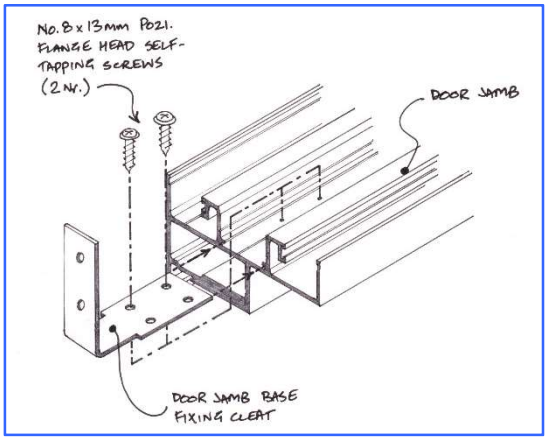
  Locate each jamb to the head in turn so that the two holes in the top of the jamb align with the screw ports in the head and secure together by driving a pair of No.10 x 50mm CSK self-tapping screws through the jamb into the head.



- Insert a base fixing cleat into each door jamb. The cleat in the pivot end jamb should face away from the door – see detail below.

  The cleat at the closing jamb should face in the opposite direction so that it points across the door opening. This is to enable fine adjustment of the jamb when hanging the door leaf.

  Secure the cleat into the jamb using a pair of No.8 x 13mm self-tapping screws.



- With reference to Section 2 (above), ensure the frame has gaskets inserted where 14.8mm, 15mm or 16.8mm glass are being used in the partition.

- Stand the assembled door frame in position, taking care not to pull the corner joints apart.

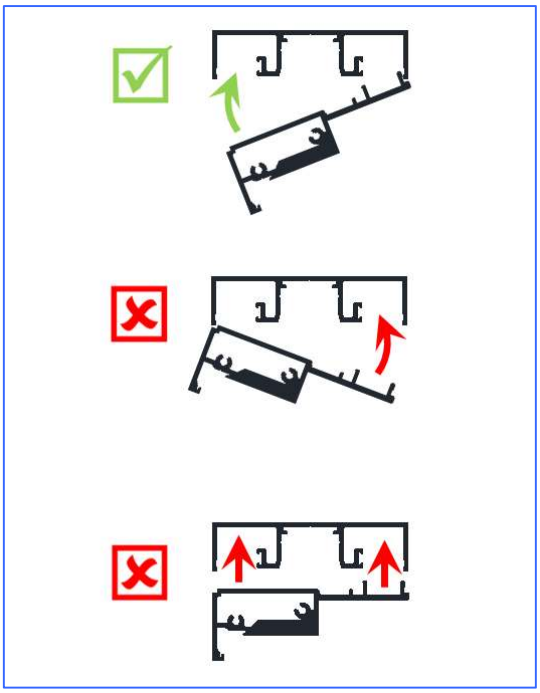
  Position the head rail of the frame so that the inside edge locates with the partition head track

  Gradually roll the head of the frame under the head track, maintaining the location at the inside bottom corner, until the frame is fully located.

  The D665 frame will click-into position, whereas the D660 is simply located.

  Inserting the frame from the outside of the room or from directly beneath the head track, as shown in the illustration, will not allow the frame to locate and should not be attempted as this will damage the frame.

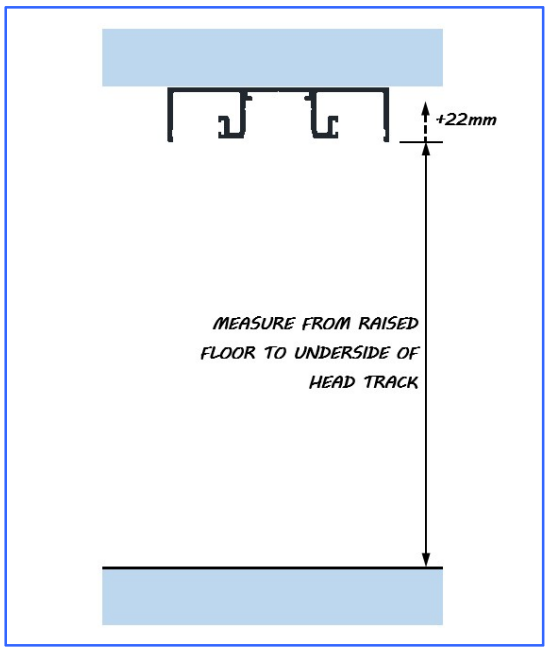
- Ensure the frame is in the correct position relative to the set-out lines and the pivot position and that the jambs are plumb and not twisted and fix through the base cleats to the raised floor using appropriate fixing screws.



4(i) Installing Door Frames with Abutment Spacer

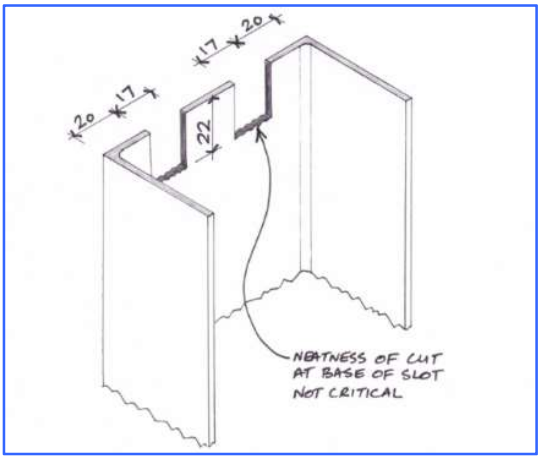
Where door frames are positioned directly against an existing solid wall, it is necessary to position the frame far enough away from the wall that the floor spring does not clash. A purpose made frame section (0457) is used for this purpose.

- Measure from the raised floor to the underside of the levelled head track (or lower deflection head section) and add 22mm for the cut dimension. Square cut the section.



Cut a 17mm wide x 22mm deep notch set 20mm from each face on the top edge for locating into the head track.

The neatness of the base of the slot is not critical as it will not be seen.

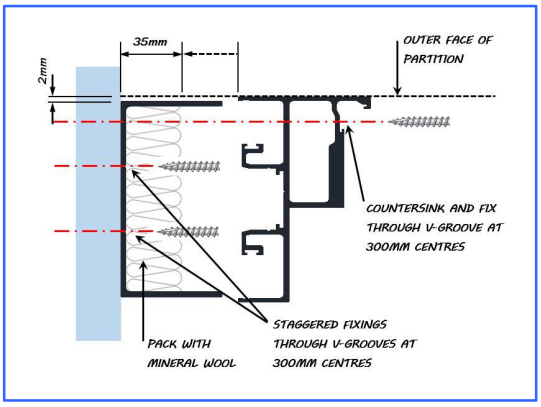


Drill the section for fixing with two staggered rows of holes through the 'V' grooves at 300mm centres. These holes do not need to be countersunk.

Locate the notched end of the section into the head track and set plumb with the outer face 2mm from the outer face of the partition. Fix to the wall with appropriate fixings.

Pack the section with 25mm mineral wool quilt before positioning the door jamb over the abutment and aligning so that the end point of the jamb is 35mm from the wall.

Drill through the door gasket position at 300mm centres, countersink for a flush finish and fix with appropriate screws of sufficient length to secure into the base of the abutment section.



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 and wide enough to receive the fixings through both glazing slots.

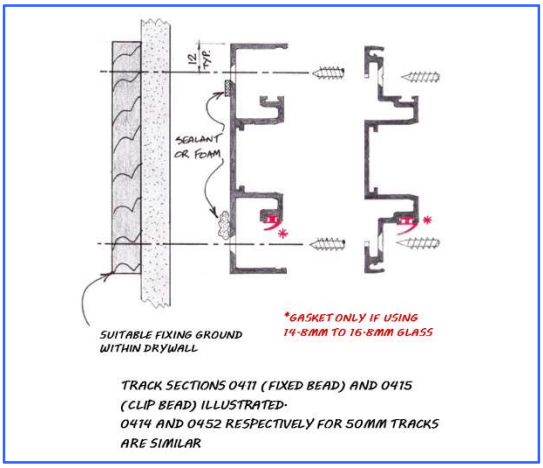
In order to avoid the risk of acoustic weakness, it is important for the surface of the wall to be even so that the acoustic foam tapes or proprietary acoustic sealant on the abutment track have a good surface compression. In the event of an uneven surface where the tapes or sealant cannot give a good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

- There are two options for surface mounted wall abutments

  The standard wall abutment with fixed beads (**0411**) should be cut for a tight fit between the floor and the underside of the head track and drilled for fixing, like the head track at 12mm offsets from each edge.

  As with the head track, insert a glazing gasket if using 14.8mm to 16.8mm glass and apply acoustic treatment (foam or sealant) to the back face before fixing to the wall.

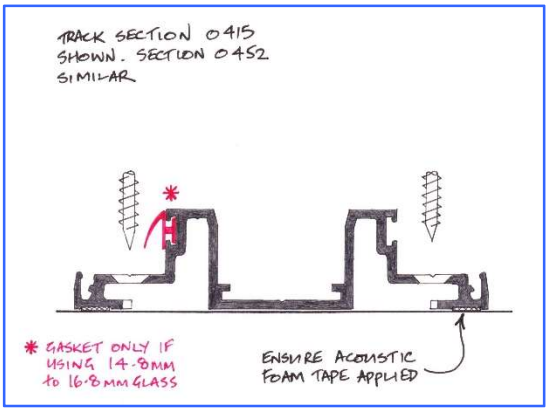
  Where there are only one or two modules of glass it is advisable to use the floor track section (**0415**) with beads (**0290**) for a wall abutment. This will give greater flexibility when glazing and ensure the gaskets are properly engaged with the glass.



If installing to heights greater than 3 metres, simply butt joint the tracks sections. Ensure that any multi-section tracks do not have coinciding butt joints.

6 Install the Floor Tracks

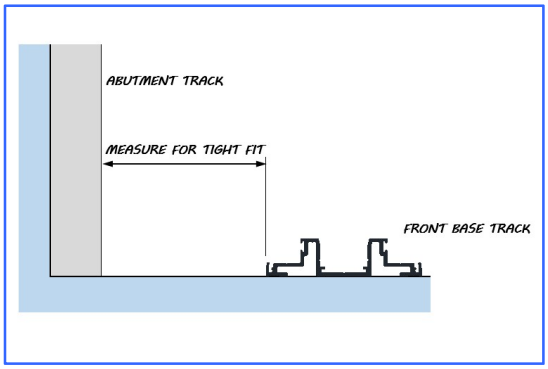
The floor track comprises a primary section and a pair of clip-on glazing beads which will be fitted during the glazing process.



- Measure and square cut lengths of Floor Track (**0415**) to fit tight between the vertical abutment tracks and door frame jambs with 90° corners cut with two clean 45° mitres.

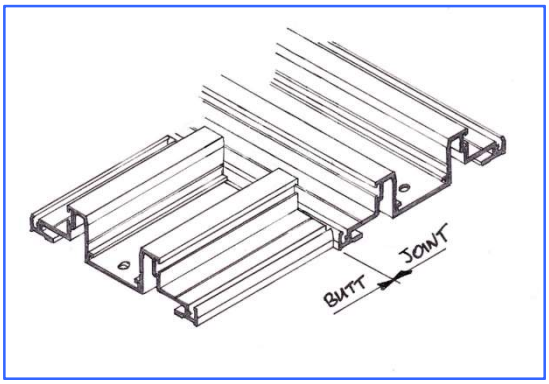
  Drill for fixing through both the glazing ledges using the 'v' groove as a pilot. Countersink the holes for a flush finish.

  As with the other tracks, insert a glazing gasket if using 14.8mm to 16.8mm glass before fixing to the wall.



- For 3-way junctions to double glazed perpendicular fins where the front screen is double glazed, the front track must run straight through.

  Measure and cut the perpendicular track for a tight fit to the face of the front track – see detail.



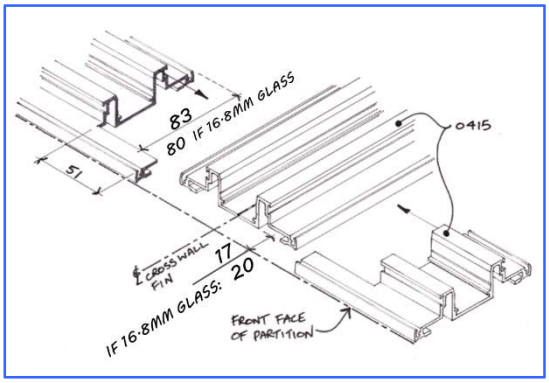
- Cut the junction end of the perpendicular track with a clean square cut before locating and fixing – see detail

- Where the front screen is single glazed, this will be offset to the front face so the perpendicular fin glass has to penetrate further.

  In this case, as with the head track, the perpendicular track needs to merge with the front track. Therefore, the front track needs to be butt-jointed on the centreline.

  Cut the perpendicular track for a tight fit to a line 17mm short of the outer setting out line and fix it first. Where the front glass is 14.8mm or greater, this dimension will be 20mm

  Cut each section of front track with a 51mm wide x 83mm deep notch, ensuring the cuts are clean and straight and fix around the perpendicular track so that the outer butt-joint is tight. Where the front glass is 14.8mm or greater, the notch will be 80mm deep.

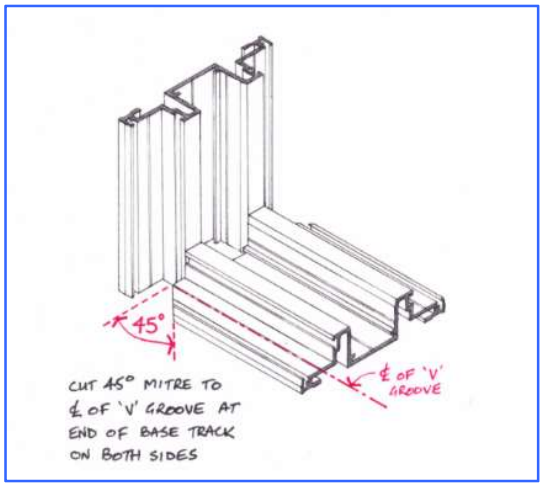


  Cut a pair of glazing beads (ref 0290) to the same length as the base track

  IMPORTANT: Do not fit the front base track until the perpendicular fin glass is installed. See Glazing section.

- Where the base track meets a similar track section on the wall abutment, there may be a clash when fitting the glazing beads on the vertical section.

  At the junction end of the base track, cut a 45° mitre from the centreline of the 'V' groove on each side of the track before fixing to the floor – see detail.



7 Fit the Track Cover Plates

Once all the primary track sections are installed, measure and fit the track cover plates:

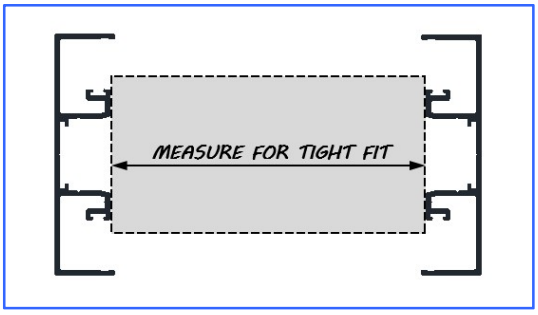
- There are two snap-in cover plates each for single and double glazed and the selection depends on the thickness of glass being used.

  See the table for the correct plate selection.

GLASS THICKNESS	SNAP-IN PLATE	GLASS THICKNESS
		
10MM TO 12·8MM	0418	
		
14·8MM TO 16·8MM	0456	
		
10MM TO 12·8MM	0479	10MM TO 12·8MM
		
10MM TO 12·8MM	0417	14·8MM TO 16·8MM

- First measure and cut the cover plates for the head and floor tracks. Measure between the central lugs on the vertical tracks and square-cut the cover plate for a tight fit (see detail).

  At 90° corners, simply cut the two sections with clean 45° mitres



- At 3-way junctions to perpendicular fins the cut depends on the glazing configuration. The following details are based around the perpendicular fin being glazed with up to 12.8mm glass on both faces but the same principles apply if one face was glazed in 14.8mm to 16.8mm glass and using a 0417 cover plate.

Glass Configuration

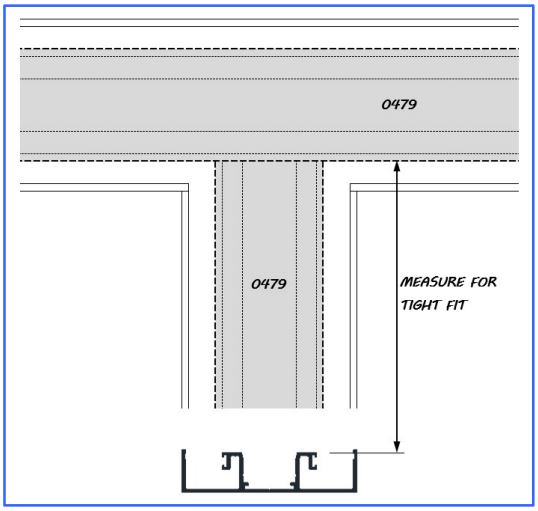
Front glass: Double glazed with10mm to 12.8mm glass on both faces

Fin glass: Double glazed with 10mm to 12.8mm glass on both faces

Cover Plate Configuration

Front tracks: 0479 cover plate runs right through

Fin tracks: 0479 cover plate cut from inner edge of plate on front tracks for a tight fit to the vertical abutment track on the cross-wall – see detail



Glass Configuration

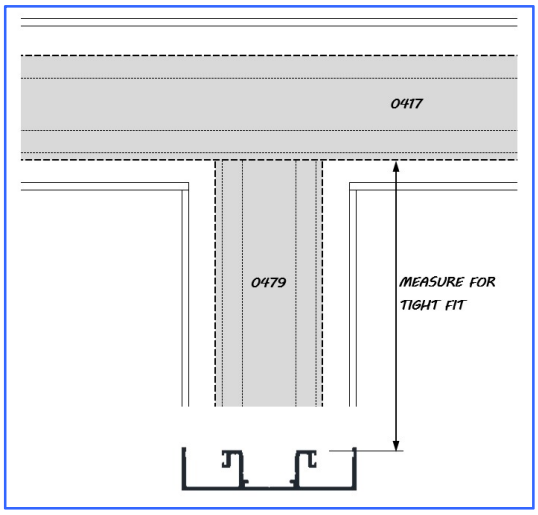
Front glass: Double glazed with 14.8mm to 16.8mm glass on both faces

Fin glass: Double glazed with 10mm to 12.8mm glass on both faces

Cover Plate Configuration

Front tracks: 0417 cover plate runs right through

Fin tracks: 0479 cover plate cut from inner edge of plate on front tracks for a tight fit to the vertical abutment track on the cross-wall – see detail



Glass Configuration

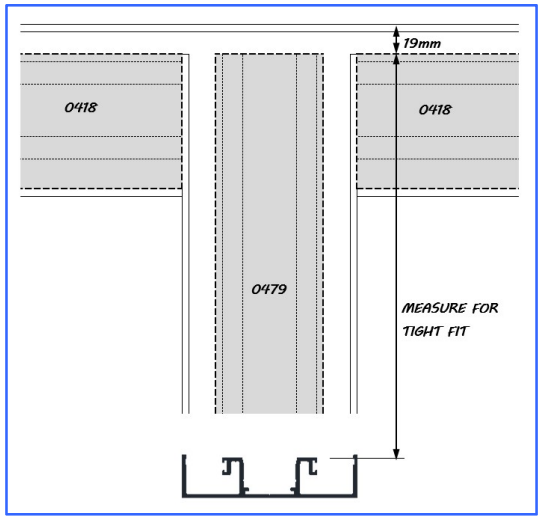
Front glass: Single glazed with10mm to 12.8mm glass

Fin glass: Double glazed with 10mm to 12.8mm glass on both faces

Cover Plate Configuration

Front tracks: 0479 cover plate cut for a tight fit between the nearest vertical abutment (or door jamb) and the face of the perpendicular track (or bead on the base track)

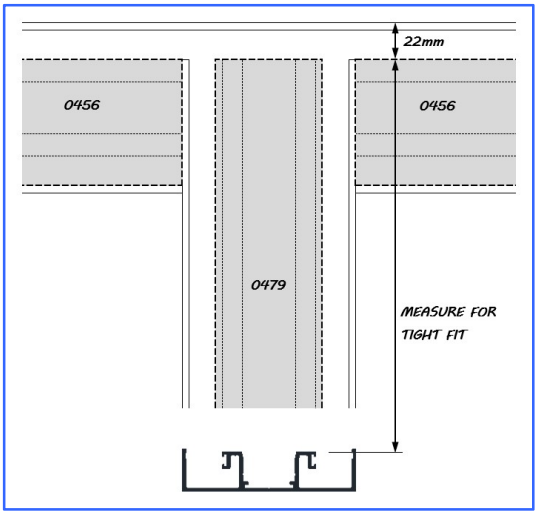
Fin tracks: 0479 cover plate cut from a line 19mm from the front face of the partition tracks for a tight fit to the vertical abutment track on the cross-wall – see detail



Glass Configuration

Front glass: Single glazed with 14.8mm to 16.8mm glass

Fin glass: Double glazed with 10mm to 12.8mm glass on both faces



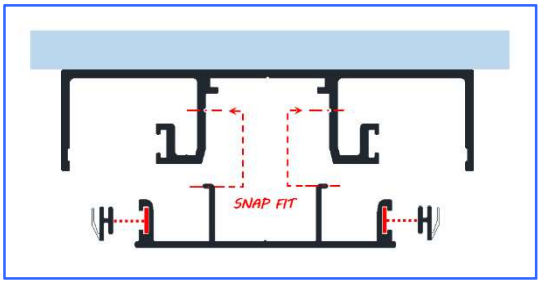
Cover Plate Configuration

Front tracks: 0456 cover plate cut for a tight fit between the nearest vertical abutment (or door jamb) and the face of the perpendicular track (or bead on the base track)

Fin tracks: 0479 cover plate cut from a line 22mm from the front face of the partition tracks for a tight fit to the vertical abutment track on the cross-wall – see detail

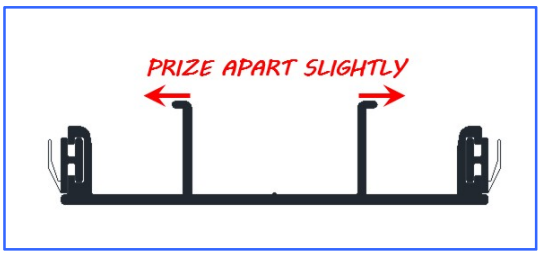
Before fitting the cover plates, ensure the correct slide-in glazing gasket is fitted – 2205 gasket for 10mm and 10.8mm glass and 2122 gasket for 12mm and 12.8mm glass.

Snap the head and base track cover plates into the primary track sections.



- With all the head and base cover plates in place, measure and cut the vertical cover plates for a tight fit between head and base plates and snap-fit in the same way.

IMPORTANT: Due to extruding tolerances, the snap-in fit of the cover plates may occasionally not be as tight as desired. In such cases, the locating legs need to be prized apart intermittently using pliers or other suitable leverage. This should be done with care as the dimensional requirement may only be very small.

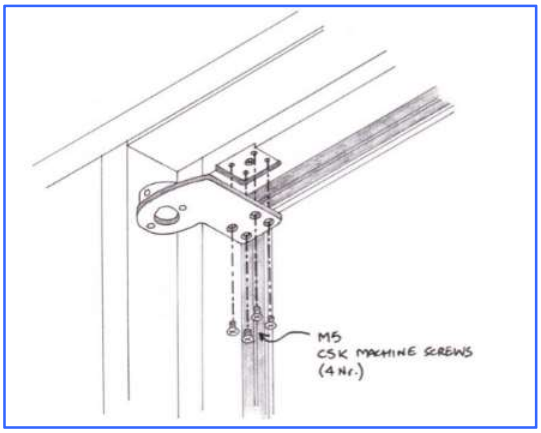


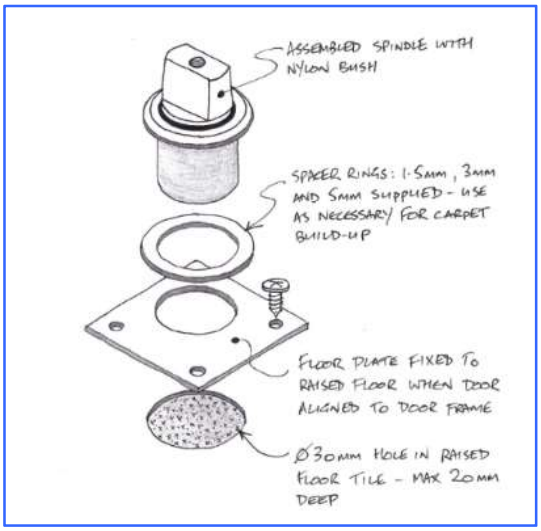
8 Prepare for Installing the Doors

- Fit the pivot plate to the door frame head using the 4nr. countersunk M5 machine screws provided.

  Ensure the machined rebate in the head is swarf-free and without paint build-up before fitting the pivot plate

  Illustration shows pivot plate with D665 door frame. Detail for D660 frame (with 100mm doors) is similar.





- 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.

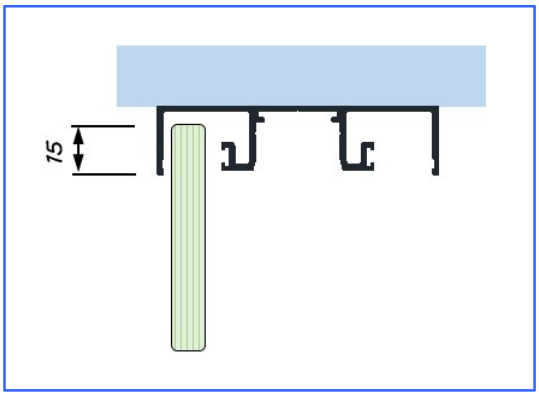
- If installing doors with floor springs, refer to Technical Bulletin 000512 Introducing The Optima Floor Spring for details of spindle depths and cover plate levelling with the Optima floor spring.

9 Measuring and Installing the Glass

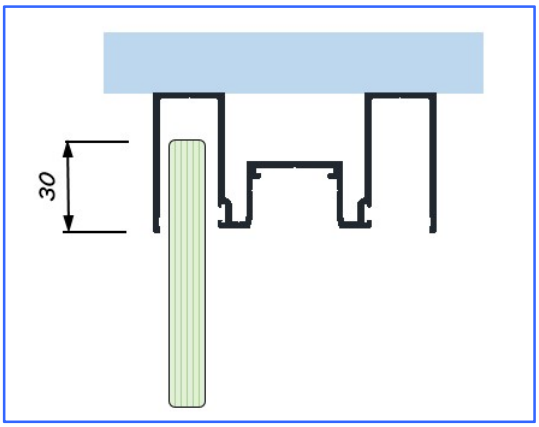
This section deals with the measurement of glass and the minimum recommended allowances for glass engagement into the various track sections. Best practice is for minimum glass engagement to match the glass thickness but the minimum practical engagement to ensure the gaskets maintain the correct surface contact is 10mm. In all cases installers are encouraged to achieve the recommended engagement dimensions shown.

The details below are based on 12mm glass types. Appropriate adjustments should be made when using thicker glass. Snap-in cover plates are omitted for clarity.

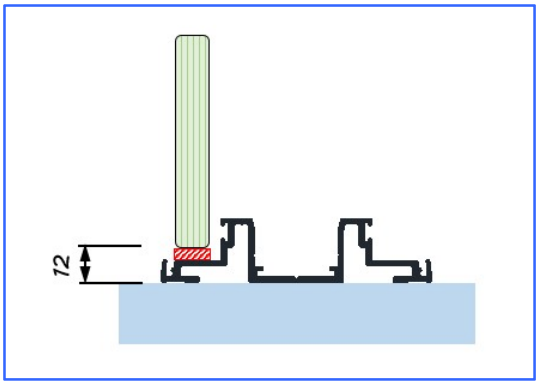
0411 - 25mm Head Track
Measure underside of head track and add 15mm for track engagement



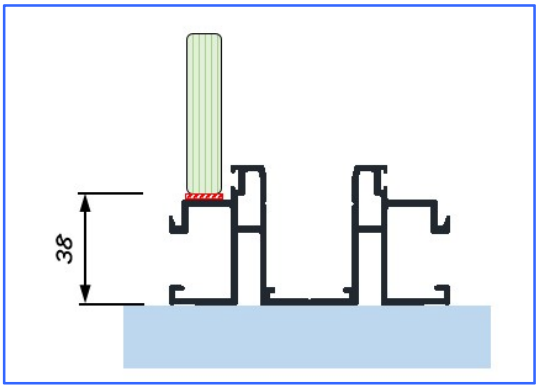
0414 - 50mm Head Track
Measure underside of head track and add 15mm for track engagement



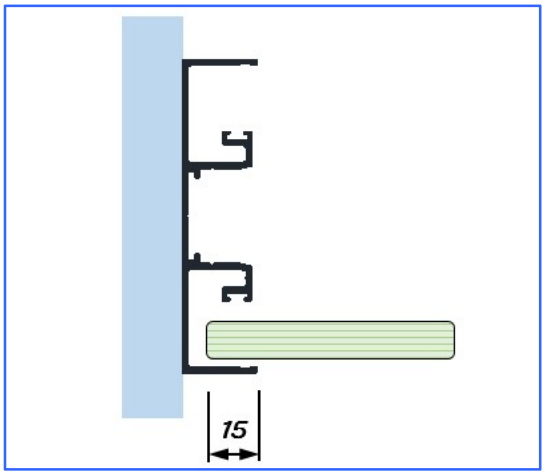
0415 - 25mm Base Track
Measure to raised floor and deduct 12mm. This allows for 13mm track engagement and a 4mm starting glazing packer.



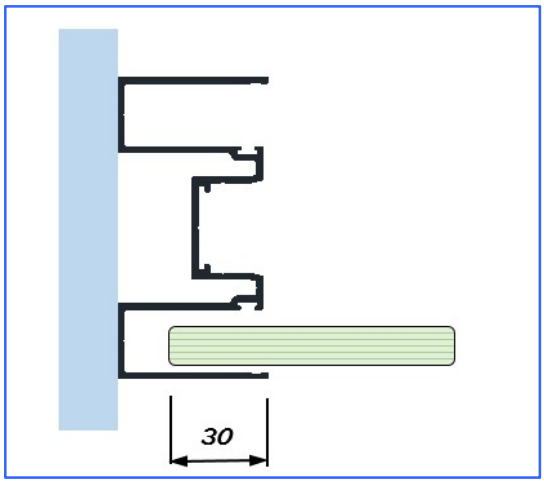
0452 - 50mm Base Track
Measure to raised floor and deduct 38mm. This allows for 12mm track engagement and a 2mm starting glazing packer.



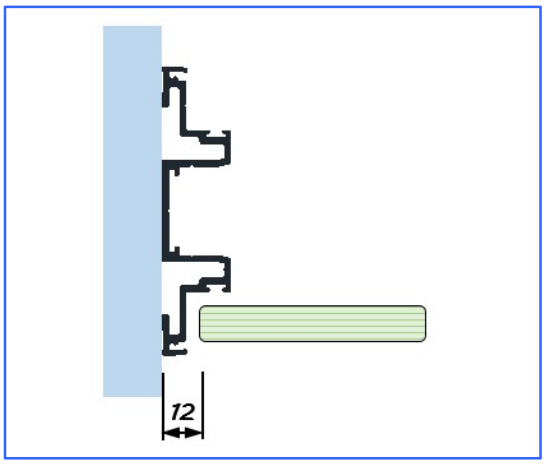
0411 - 25mm Wall Abutment (Fixed Bead)
Measure to mouth of abutment track and add 15mm for track engagement



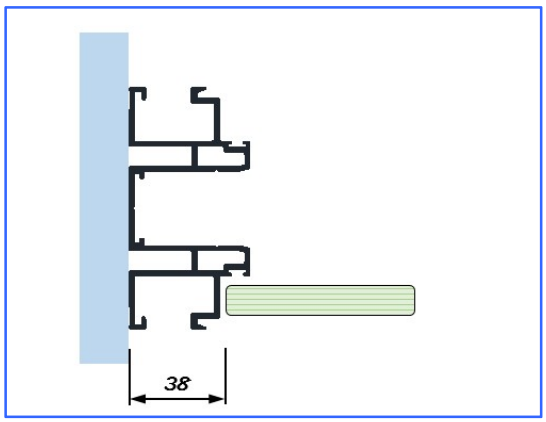
0414 - 50mm Wall Abutment (Fixed Bead)
Measure to mouth of abutment track and add 30mm for track engagement



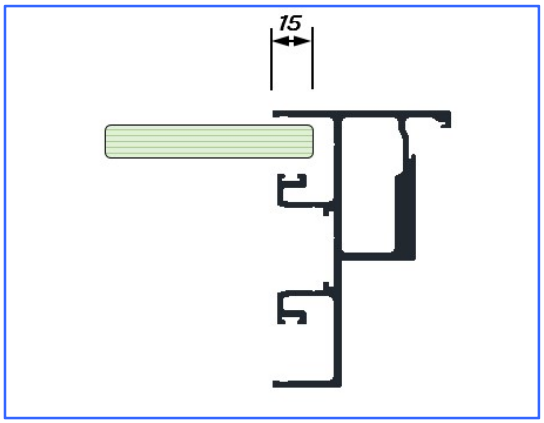
0415 - 25mm Wall Abutment (Removable Bead)
Measure to wall abutment and deduct 12mm. This allows for 13mm track engagement and a 4mm adjustment gap.



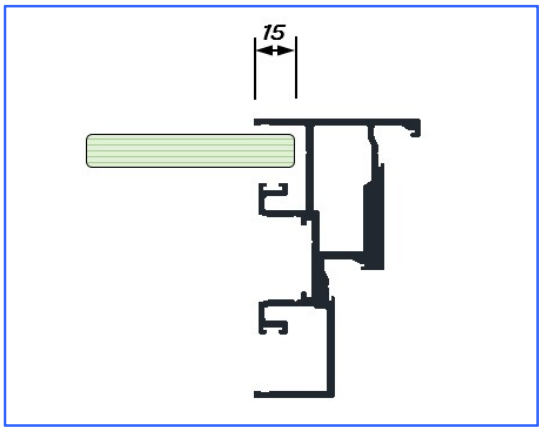
0452 - 50mm Wall Abutment (Removable Bead)
Measure to wall abutment and deduct 38mm. This allows for 12mm track engagement and a 2mm adjustment gap.



0438 – D665 Door Jamb
Measure to mouth of jamb and add 15mm for track engagement

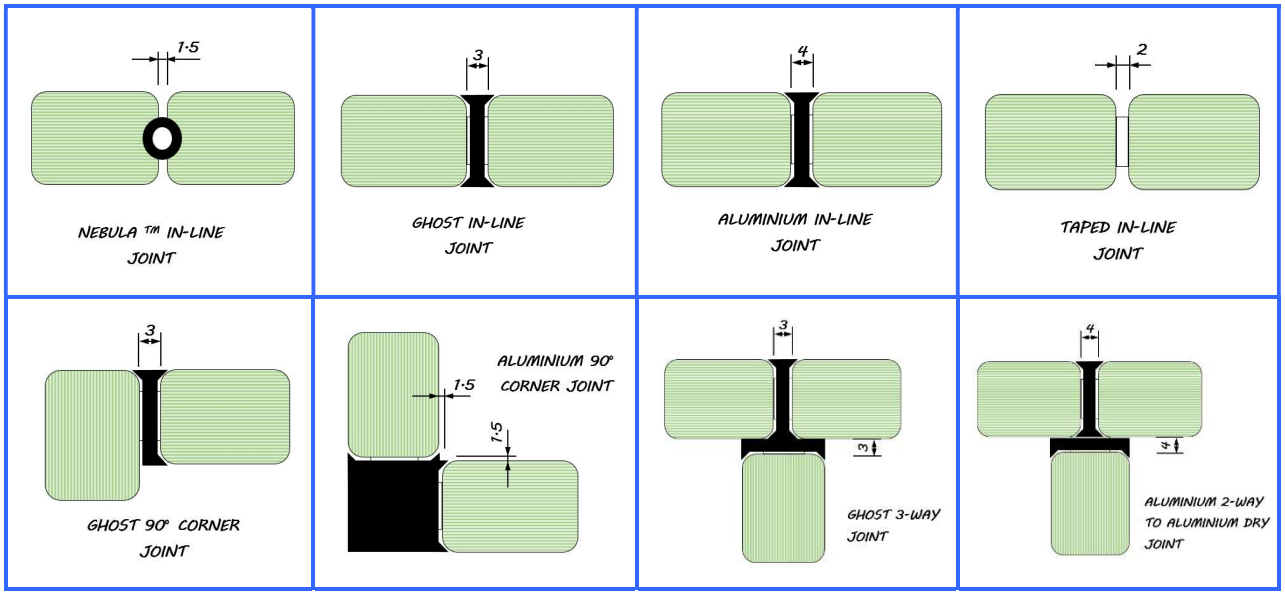


0440 – D660 Door Jamb
Measure to mouth of jamb and add 15mm for track engagement



Glass heights should be measured at regular intervals along the screen length to ensure allowance is made for ceilings and floors that may run out of level. DO NOT assume that the height is consistent.

Allow the correct spacing between panels according to the following table:



Always glaze with glass panels seated on rigid, non-metallic glazing packers. NEVER allow the glass to sit directly on the metal track.

Ensure the glass panels are plumb at their vertical joints before finishing the joint.

IMPORTANT – Where 3-way junctions are formed with the front as single glazing, the perpendicular glazing (fin) must be installed before the front base tracks and glazing are fitted. Ensure the double glazing cavity is properly cleaned before continuing as the glass will be locked in after this point.

- With the glass installed, insert 2121 push-fit gaskets to the tracks with fixed beads ensuring the corners are mitred to maintain a good acoustic seal.

Where tracks are fitted with removable beads, these must now be fitted.

For vertical abutments, measure and cut the 0290 beads (0453 for 50mm tracks) for a tight fit between the floor and the underside of the head track.

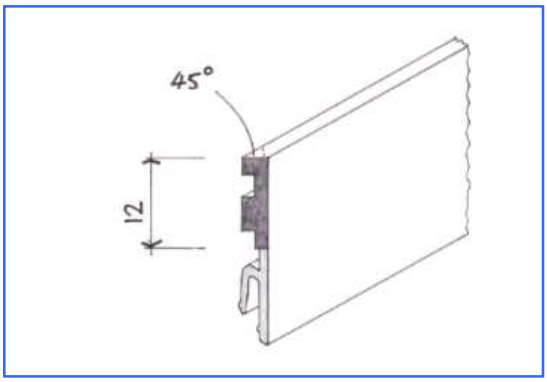
For base tracks, straight runs should be measured and cut (with butt joints where necessary) for a tight fit between the vertical track sections.

At 90° corners, simply mitre cut the beads at 45°.

For the inside of 3-way junctions, where the front glazing is single glazed, the beads on the perpendicular track should be square cut between the vertical abutment track and the exposed end of the base track. The front track inner beads should then be cut for a tight fit between the perpendicular bead and the next vertical track.

Where the front and perpendicular glazing are double glazed, the inner beads need to be specially mitred to fit over the base tracks.

Cut the beads for a conventional 45° mitred junction and then square trim the lower portion of the bead to within 12mm of the top edge in line with the base of the mitre – see detail.



Appendix A Installing with Internal Deflection Heads

Appendix B Installing with External Deflection Heads

Appendix C Installing with Transoms & Mullions

Appendix D Installing with an ELITE Aero (pocket sliding door)

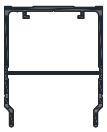
Appendix E Schedule of Components

0290xxxxxxxx **Base Track Bead (25mm)**

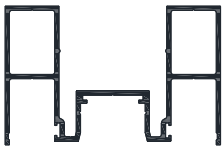
3100mm lengths
Use with Base Track (**0415**)

0411xxxxxxxx **Head track (25mm)**

3100mm lengths
Non-deflection head track or wall abutment



0412xxxxxxxx **Internal Deflection Head (±25mm)**
3100mm lengths
Use with lower deflection head sections (**0413** & **0428** for pocket sliding door)



0413xxxxxxxx **Lower Deflection Head (±25mm)**
3100mm lengths
Use with Internal Deflection Head (**0412**) and External Deflection Head (**0426**)

0414xxxxxxxx **Head Track (50mm)**

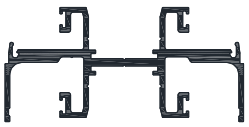
3100mm lengths
Non-deflection head track or wall abutment

0415xxxxxxxx **Base Track (25mm)**

3100mm lengths
Use with Base Track Bead (**0290**)

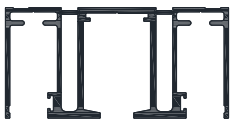
0417xxxxxxxx **Snap-In Cover Plate**
3100mm lengths
Use for Double Glazing 10/12mm glass to 14/16mm glass

0418xxxxxxxx **Snap-In Cover Plate**
3100mm lengths
Use for Single Glazing 10/12mm glass



0419xxxxxxxx **Transom (50mm)**
3100mm lengths
Use with Base Track Bead (**0290**)

0426xxxxxxxx **External Deflection Head (±25mm)**
3100mm lengths
Use with Lower Deflection Head (**0413**)



0427xxxxxxxx **PSD Head Track (50mm)**

3100mm lengths
Supplied as part of an ELITE Aero PSD kit

0428xxxxxxxx **PSD Lower Deflection Head (±25mm)**
3100mm lengths
Supplied as part of an ELITE Aero PSD kit
Use with Internal Deflection Head (**0412**) and External Deflection Head (**0426**)

0433xxxxxxxxx **PSD Pocket Jamb**

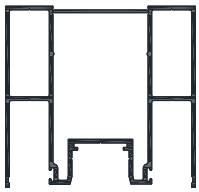
3100mm lengths
Supplied as part of an ELITE Aero PSD kit

0434xxxxxxxxx **PSD Lead Stile Cap**

1 x single unit
Supplied as part of the ELITE Aero door

0442xxxxxxxxx **Internal Deflection Head (±40mm)**

3100mm lengths
Use with lower deflection head sections (**0443** & **0445** for pocket sliding door)



0443xxxxxxxxx **Lower Deflection Head (±40mm)**

3100mm lengths
Use with Internal Deflection Head (**0442**) and External Deflection Head (**0444**)

0444xxxxxxxxx **External Deflection Head (±40mm)**

3100mm lengths
Use with Lower Deflection Head (**0443**)

0445xxxxxxxxx **PSD Lower Deflection Head (±40mm)**

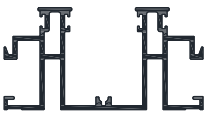
3100mm lengths
Supplied as part of an ELITE Aero PSD kit
Use with Internal Deflection Head (**0442**) and External Deflection Head (**0443**)

0452xxxxxxxxx **Base Track (50mm)**

3100mm lengths
Use with Base Track Bead (**0453**)

0453xxxxxxxxx **Base Track Bead (50mm)**

3100mm lengths
Use with Base Track (**0452**) and PSD Base Track (**0454**)



0454xxxxxxxxx **PSD Base Track (50mm)**

3100mm lengths
Supplied as part of an ELITE Aero PSD kit
Use with Base Track Bead (**0453**)

????xxxxxxxxx **PSD Pocket Stile Cap**

1 x single unit
Supplied as part of the ELITE Aero door

0456xxxxxxxxx **Snap-In Cover Plate**

3100mm lengths
Use for Single Glazing 14/16mm glass

0457xxxxxxxxx **Abutment Spacer**

3100mm lengths
Use to space D660 & D665 door frames from solid wall abutments

0476xxxxxxxxx **PSD Slam Post**

3100mm lengths
Supplied as part of an ELITE Aero PSD kit

0477xxxxxxxxx **PSD Head Seal Clip**

2 x single units
Supplied as part of an ELITE Aero PSD kit

0478xxxxxxxxx **PSD Base Track (25mm)**

1 x single unit
Supplied as part of an ELITE Aero PSD kit
Use with Base Track Bead (**0290**)

0479xxxxxxxx **Snap-In Cover Plate**
3100mm lengths
Use for Double Glazing 10/12mm glass to 10/12mm glass

006008310003
3100mm lengths
Aluminium in-line joint for 12/12.8mm glass. Use with **4945**34010936 tape

007508310003
3100mm lengths
Aluminium corner joint for 12/12.8mm glass. Use with **4945**34010936 tape

007608310003
3100mm lengths
Aluminium corner joint for 10/10.8mm glass. Use with **4945**34010636 tape

007708310003
3100mm lengths
Aluminium in-line joint for 10/10.8mm glass. Use with **4945**34010636 tape

013508310003
3100mm lengths
Aluminium end joint for 12/12.8mm glass. Use with **4910**35010636 tape

021208310003
3100mm lengths
Aluminium end joint for 10/10.8mm glass. Use with **4910**35010636 tape

042008310003
3100mm lengths
Aluminium corner joint for 16.8mm glass. Use with **4945**34010936 tape

100142000031 **& 1081**42000031
3000mm lengths
PETg in-line Ghost joint for 10mm and 10.8mm glass respectively (pre-taped)

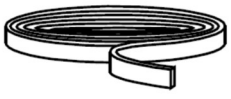
120142000031 **& 1281**42000031
3000mm lengths
PETg in-line Ghost joint for 12mm and 12.8mm glass respectively (pre-taped)

100242000031 **& 1082**42000031
3000mm lengths
PETg corner Ghost joint for 10mm and 10.8mm glass respectively (pre-taped)

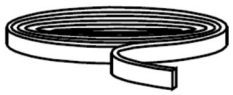
120242000031 **& 1282**42000031
3000mm lengths
PETg corner Ghost joint for 12mm and 12.8mm glass respectively (pre-taped)

100442000031 **& 1084**42000031
3000mm lengths
PETg 3-way Ghost joint for 10mm and 10.8mm glass respectively (pre-taped)

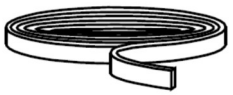
120442000031 **& 1284**42000031
3000mm lengths
PETg 3-way Ghost joint for 12mm and 12.8mm glass respectively (pre-taped)



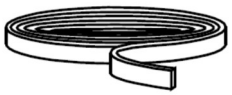
494534010**9**36 **& 4945**34010**6**36
33 metre roll
9mm & **6**mm wide white high-bond tape for attaching aluminium glass joints



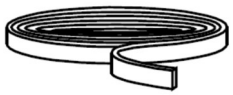
491035010636
33 metre roll
6mm wide clear hi-bond tape for forming 3-way aluminium joints



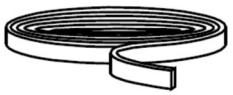
491835020936
16.5 metre roll
9mm wide x 2mm thick clear hi-bond tape for taped glass joints



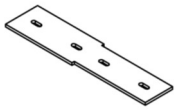
002934030637 Foam Tape (White)
25m Roll
Acoustic foam tape to be used on deflection head outer sections



002731030637 Foam Tape (Black)
25m Roll
Acoustic foam tape to be used on deflection head outer sections

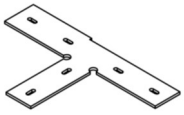


002733030637 Foam Tape (Grey)
25m Roll
Acoustic foam tape to be used on deflection head outer sections

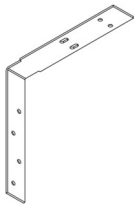


013652000011 **In-line Splice**
Single Units
Splice plate for connecting lower deflection head sections

013752000011 **90° Splice**
Single Units
Splice plate for connecting lower deflection head sections



013852000011 **3-way Splice**
Single Units
Splice plate for connecting lower deflection head sections

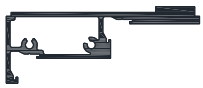


013952000011 **Corner Bracket**
Single Units
Bracket for connecting vertical tracks to horizontals (mullions & transoms)

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

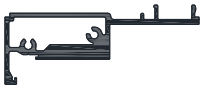
212241300031 **Glazing Inner Gasket**
(slide-fit)
3000mm lengths
Use for glazing inside face of all tracks when using 12mm, 12.8mm or 16.8mm glass

220541300031 **Glazing Inner Gasket**
(slide-fit)
3000mm lengths
Use for glazing inside face of all tracks when using 10mm, 10.8mm, 14.8mm and 15mm glass



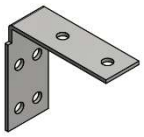
0437 – D660 Door Frame Head
Supplied in kit form with 0440 jamb sections

0438 – D665 Door Frame Jamb
Supplied in kit form with 0439 head section



0439 – D665 Door Frame Head
Supplied in kit form with 0438 jamb sections

0440 - D660 Door Frame Jamb
Supplied in kit form with 0437 head section



014052000011 **Door Jamb Base Cleat**
2 x single units
Supplied in door frame kit

Door Frame Seal
Supplied in door frame kit

446541300031 Nebula Joint
3 metre lengths
In-line glass joint

446541000031 Nebula Joint
250 metres
In-line glass joint

Amendment Record

Amendment Date	Details	How Communicated	Authorized by
10 March 2016	First issue of basic document	Published to OSCA and Optima Website	P. Long