

CLIMA DOOR

SUPERIOR QUALITY – REALISTIC PRICE



IMPORTANT PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS PRIOR TO COMMENCING INSTALLATION.

All doorsets supplied unfinished should be fully decorated prior to installation. This product is designed to comply with Part L & Part F of the building regulations.

Part M primary access compliance is only achieved if all doors leaves are opened and is dependant on the installation detail used. If in doubt consult your building designer.

All loads are taken on the head track (to ensure smooth, light operation and long life) thereby avoiding troublesome bottom track loading prone to dirt and restriction.

Prior to installing this doorset, inspect for damage and do not proceed to fit if any noticeable damage or defect is evident. This doorset should be stored in a dry flat location before installation.

CAUTION



SAFETY: This product needs to be installed by a competent tradesperson with assistance. Two people are required to carry out the installation, as some components are heavy. The outer frame requires fixing to the supporting structure above the opening. The Lintel **MUST** be capable of carrying the load of the doorset in all conditions. If in doubt check with a structural engineer.

Individual Door leaves can weigh up to 50kg

SUPREME & CLASSIC

58mm FOLDING DOORS

INTRODUCTION

To enable the arrangement of doors of the Sliding Folding Patio Doorset to operate either from the left or right certain operations that determine the handing of a door leaf will need to be undertaken on site.

The stiles of the door leaves will need to be pilot drilled to suit the arrangement of the hinges and holes to receive the lock cylinder and the bottom fixing screw of the handle set will need to be added to the mortise in the stile of the locking door leaf.

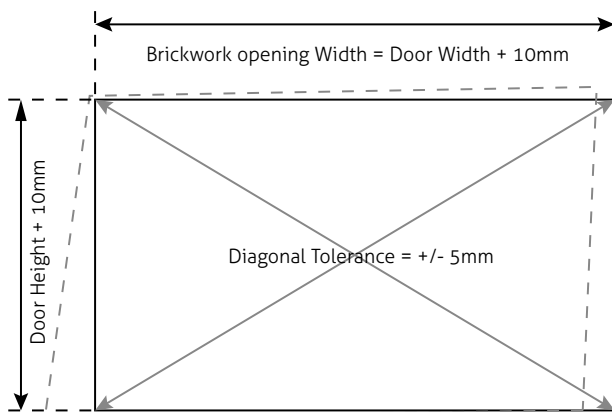
Information showing the position of the hinges and the preparation to the lock mortise are given in these instructions

It is recommended that the opening into which the Sliding Folding Patio Doorset is to be installed is 10mm larger in both height and width than the overall doorset sizes that are given in the table.

The horizontal and vertical surfaces of the structural opening should be checked with a spirit level and the diagonals of the opening should be within 5mm of each other.

02 STRUCTURAL OPENING

To ensure correct operation of the Sliding Folding Patio Doorset it is necessary for the top track to be fixed to a suitable structure that is capable of supporting the loads imposed by the doors, glazing and hardware. The systems supplied apply a uniformly distributed load of 50kg/leaf.



Module Size	Frame Width*	Frame Height*
1800mm	1790mm	2090mm
2100mm	2090mm	2090mm
2400mm	2390mm	2090mm
2700mm	2690mm	2090mm
3000mm	2990mm	2090mm
3600mm	3590mm	2090mm
4200mm	4190mm	2090mm
4800mm	4790mm	2090mm



Fitting and Fixing Instructions

Sliding Folding Patio Doorset

04 FRAME ASSEMBLY (SEE IMAGE ON PAGE 4)

The four assemblies that together form the frame of the Sliding Folding Patio Doorset are fixed together using the 8 No. 5 x 90 woodscrews and the gaskets.

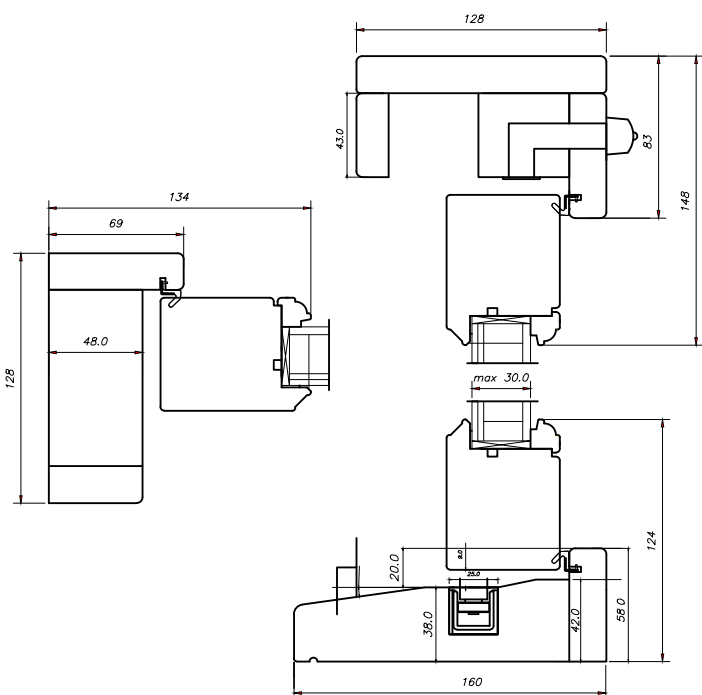
Apply silicone sealant to:

- each end of the head assembly
- either side of the tennon at the sill end of each jamb assembly
- each end of the stops of each jamb assembly All as shown in the drawing below

Screw fix the jamb assembly to the head assembly with 2no 5x90mm woodscrews in each end.

Check that the corners of the frame are square and that the diagonals of the frame measure to within 5mm of each other.

If they do not, loosen the screws at the joints, adjust the frame then retighten the joints.



IMPORTANT



Please note: screw fixings for the frame assembly are in the Handle Pack.

After assembling the frame check your internal frame rebate sizes

Frame Width*	Internal Rebate Size*
1790mm	1694mm
2090mm	1994mm
2390mm	2294mm
2690mm	2594mm
2990mm	2894mm
3590mm	3494mm
4190mm	4094mm
4790mm	4694mm

* +/- 1mm

05 FIXING FRAME IN OPENING

INSTALLING THE HEAD TRACK

There are 2 options for installing the head track.

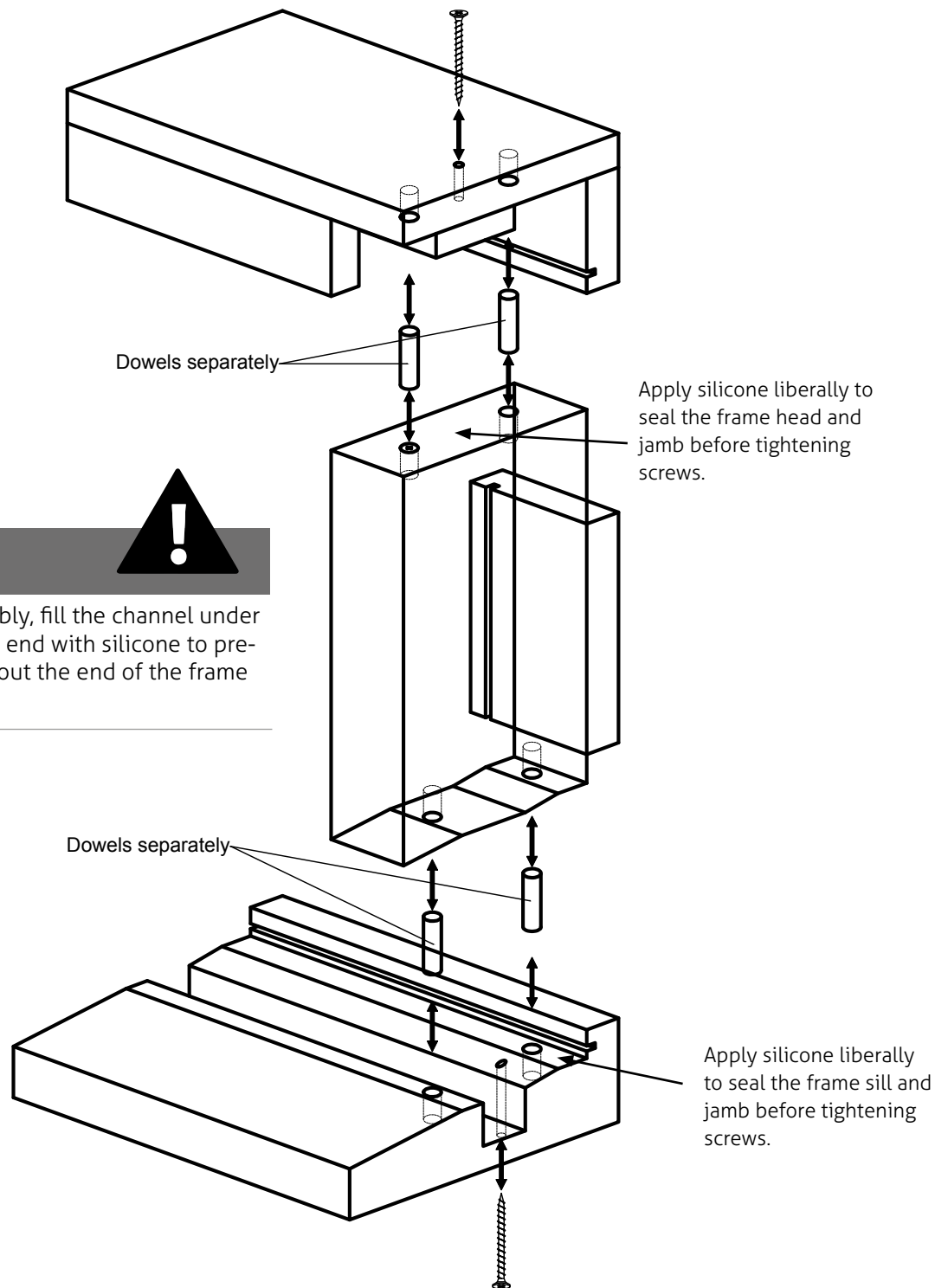
Option 1: You can install the head track in one full length, however, before fixing up into lintel you must ensure that all of the running gear and pivots are fed into the track in the right order. Please refer to section 6 - hinge positions to find out the correct order.

Option 2: You can cut off a 50mm section of the head track to create an access slot (see handy tip on page 5). The remaining long length can then be installed fixing through the track and head into the lintel. The 50mm cut off section can then be used as an access slot to feed in the running gear and pivots later in the installation.

Once the running gear has been fed into the track in the correct order, the 50mm section can then be re-installed and fixed up to the lintel through the fixing holes using appropriate fixings.



04 FRAME ASSEMBLY CONTINUED



IMPORTANT



Following frame assembly, fill the channel under the frame jamb at each end with silicone to prevent moisture running out the end of the frame into the cavity.

D Fitting and Fixing Instructions

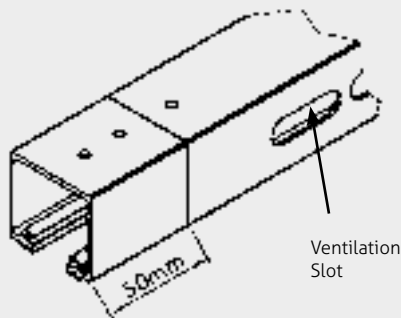
Sliding Folding Patio Doorset

D HEADTRACK - HANDY TIP!



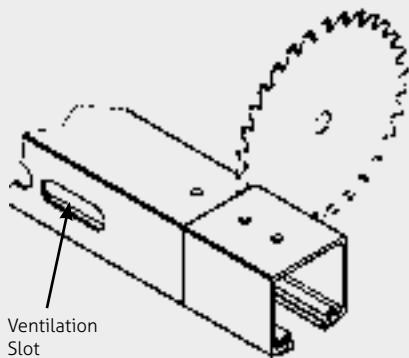
Cut track in 2 to produce access slot for pivots / carriers

INSTALLING TOP TRACK FOR 3R, 3R/1L, 5R & 5R/1L CONFIGURATIONS



Ventilation Slots to the right. (Slots should align with the machining in the Head of the Frame)

INSTALLING TOP TRACK FOR 3L, 3L/R, 5L & 5L/1R CONFIGURATIONS



Ventilation Slots to the left. (Slots should align with the machining in the head of the Frame)

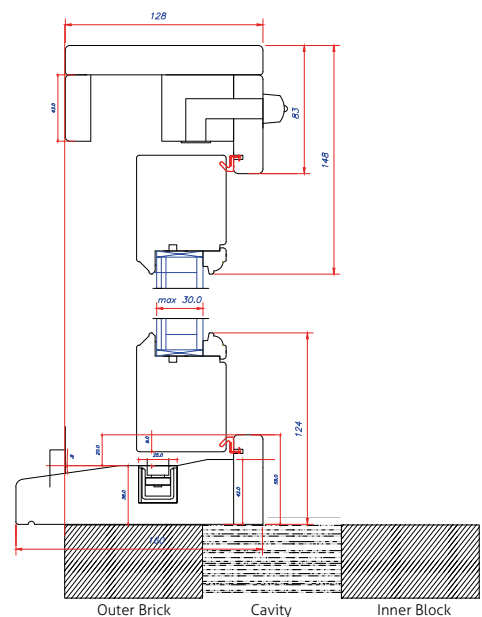
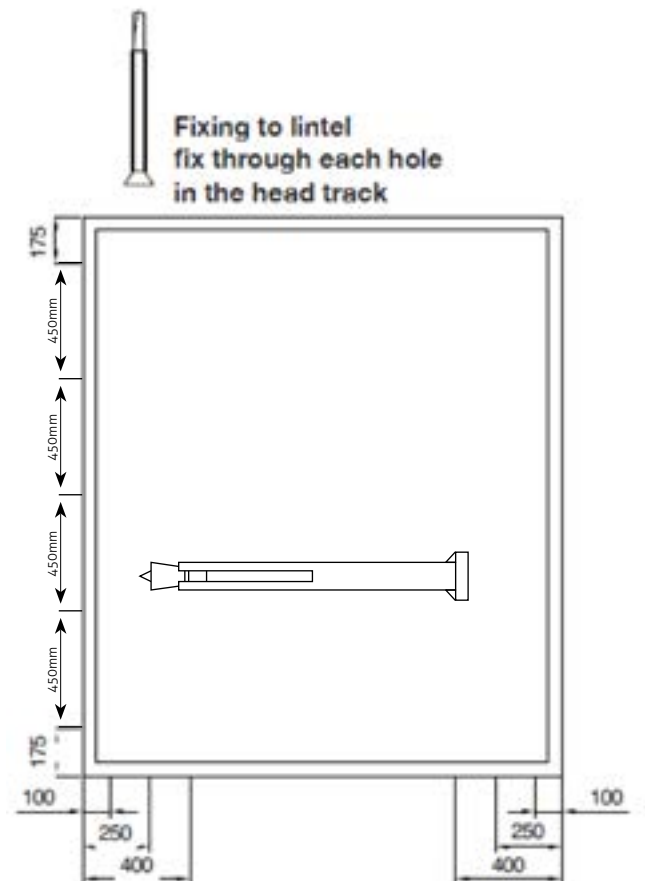
D IMPORTANT



Please also refer to the note in section 7 on the replacement & fixing of the short 50mm section which will take the load applied by the doors.

Offer the frame into the structural opening and adjust its position to ensure that the fixing holes in the head track are in the correct position to match the supporting structure (i.e. in the centre of the external flange of a lintel).

Fixing to reveal position one fixing 175mm from head and sill with additional fixings at not more than 450mm spacing in between.



05 CONTINUED ►

PRE-DRILLING

Once the position of the frame is correct, pre-drill the lintel through the head with a 4mm diameter hole through the track & frame.

Remove the frame head, from this position, to allow pre-drilling of any masonry above the lintel.

The masonry will need to be drilled through the 4mm holes in the lintel to a depth of at least 40mm to receive the length of the fixing screw that passes through the lintel.

LOCATING THE FRAME

When the position of the frame is correct place 5mm of packing above each jamb between the head and the top of the structural opening then place packers below the sill until the head packers are tight. (See diagram opposite)

Using a spirit level, check that the head and sill are level, make adjustments as necessary, then pack at each of the sill fixing points ensuring that the sill remains level.

Use the spirit-level to check that the jambs are vertical. Position packers at each of the jamb fixing points ensuring that the diagonals of the frame remain within 2mm of each other.

FIXING JAMBS

While the frame is temporarily secured by the packers, and ensuring the frame is not knocked out of position, drill & fix into the structure either side of the frame through the jambs. (Alternatively use fixing straps as appropriate)

Insert the frame fixing bolts through the jambs and into the structure and tighten ensuring the jambs are not distorted.

FIXING THE HEAD

In order to produce a camber in the head track as shown below the fixings to the head need to be fitted in stages reducing the gap between the head and the supporting structure at each stage.

Starting with the two outer fixings offer up the fixing screw and tighten until it is just pulling.

DO NOT FULLY TIGHTEN AT THIS STAGE.

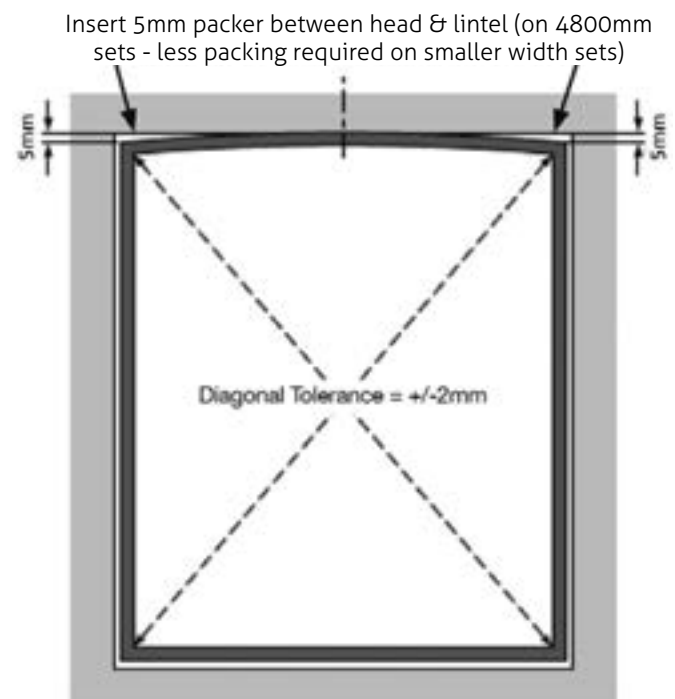
ENSURE THE 5MM PACKERS ARE IN PLACE BETWEEN THE HEAD AND THE LINTEL APPROX 50MM IN FROM EACH END OF THE HEAD AS SHOWN BELOW

At a central fixing point lightly tighten a screw until the head is pulling close to the lintel.

Working from the jambs inwards lightly tighten screws varying the thickness of packing between the head and the lintel creating a slight upwards curve to the head varying from approximately 5mm at each jamb to zero in the middle.

Once the correct curve of the head has been achieved tighten the fixing screws.

DO NOT OVER-TIGHTEN



D Fitting and Fixing Instructions

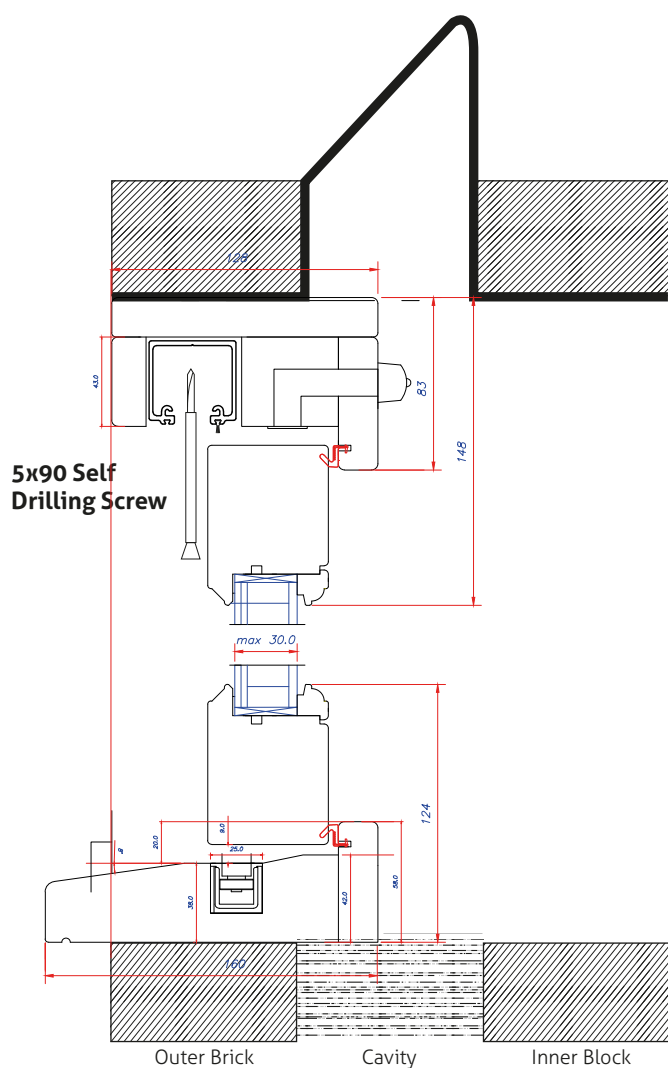
Sliding Folding Patio Doorset

D IMPORTANT

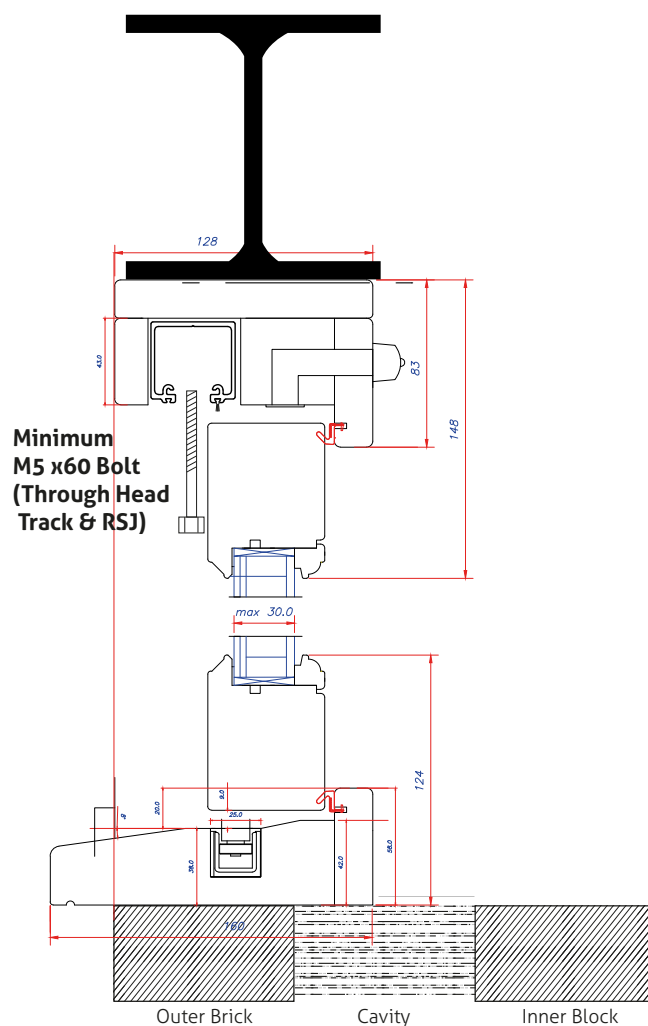


Fixings must fix through the aluminium track, Frame Head & Lintel (The system is top hung so all the weight is supported from the top channel & head of the frame, hence the importance of fixing through the Lintel.)

PRESSED STEEL LINTEL



RSJ LINTEL



Fitting and Fixing Instructions

Sliding Folding Patio Doorset

IMPORTANT

PLEASE READ THIS SECTION IN FULL BEFORE ATTEMPTING TO FIT THE HINGES AND PIVOTS.

06 HINGE POSITIONS

The following drawings represent the various options available. Please select the drawings appropriate to the set up you have purchased.

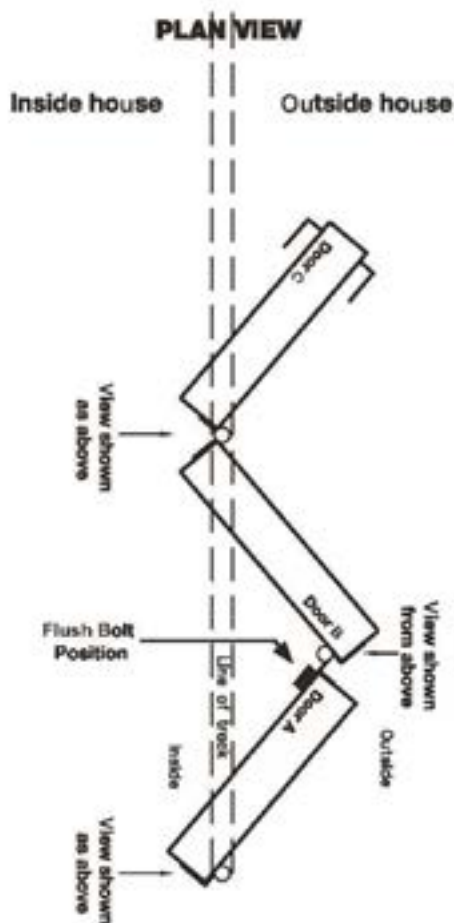
Note carefully the positions of drop bolts, door codes (ie. A,B, C etc) & the view of the drilling detail compared to the plan view (as viewed from outside your property when installed)

The diagrams show door leaf edges with the relevant hinge positions. Where doors are hinged together, door edges are all correctly identified Door A, Door B etc,

Please refer to the plan view and check the door edges match their position on the plan. Under each detail is the hardware box reference you should be using. All holes should be pilot drilled to prevent splitting.

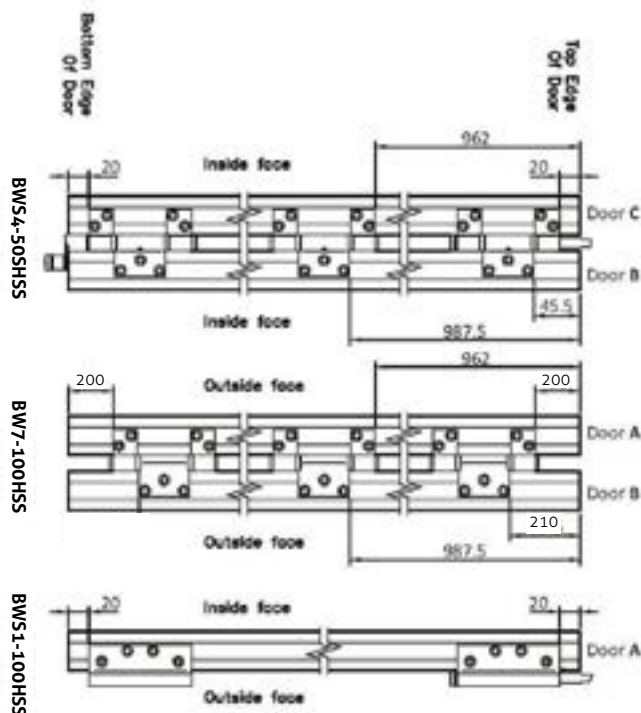
	A	B	C	D	Nominal Size Width	Pattern Available
3 Door	1	1	1	0	1800mm/2100mm/2400mm/2700mm	3L or 3R
4 Door	1	1	1	1	3000mm	3L/1R/ or 3R/1L
5 Door	2	2	1	0	3600mm	5L or 5R
6 Door	2	2	1	1	4200mm/4800mm	5L/1R or 5R/1L or 3L/3R

DOOR & HARDWARE ARRANGEMENTS



3L

As viewed from outside



NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

NOTE

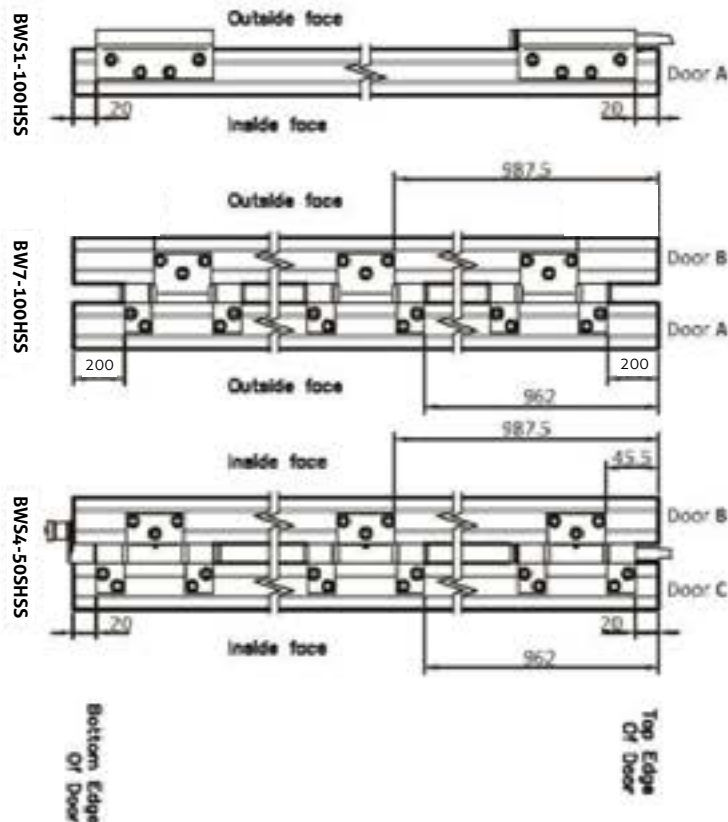
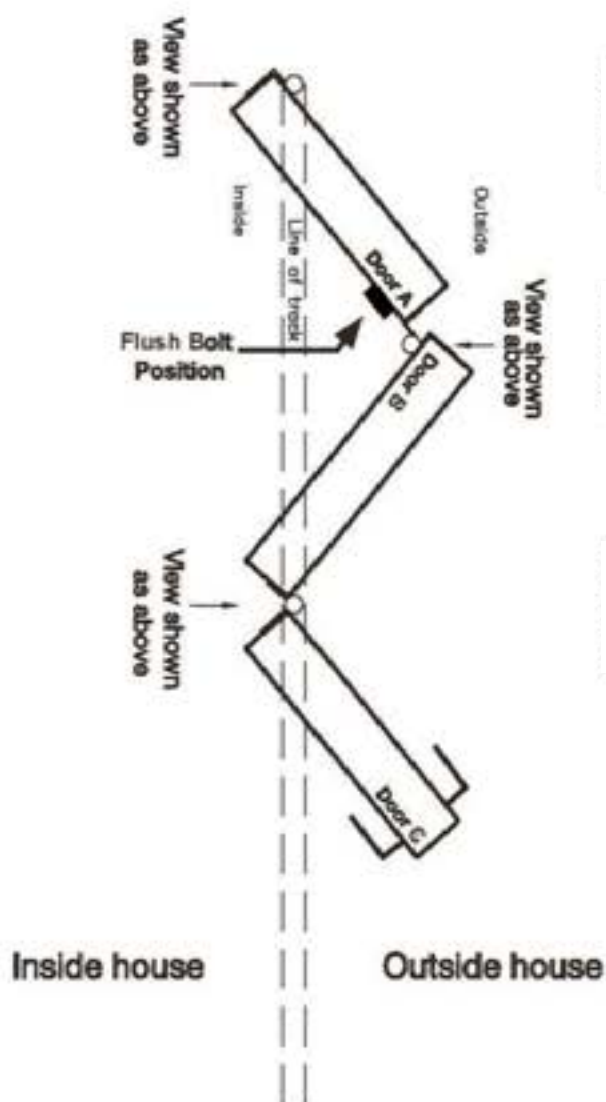
ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

D Fitting and Fixing Instructions

Sliding Folding Patio Doorset

3R

As viewed
from outside



D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

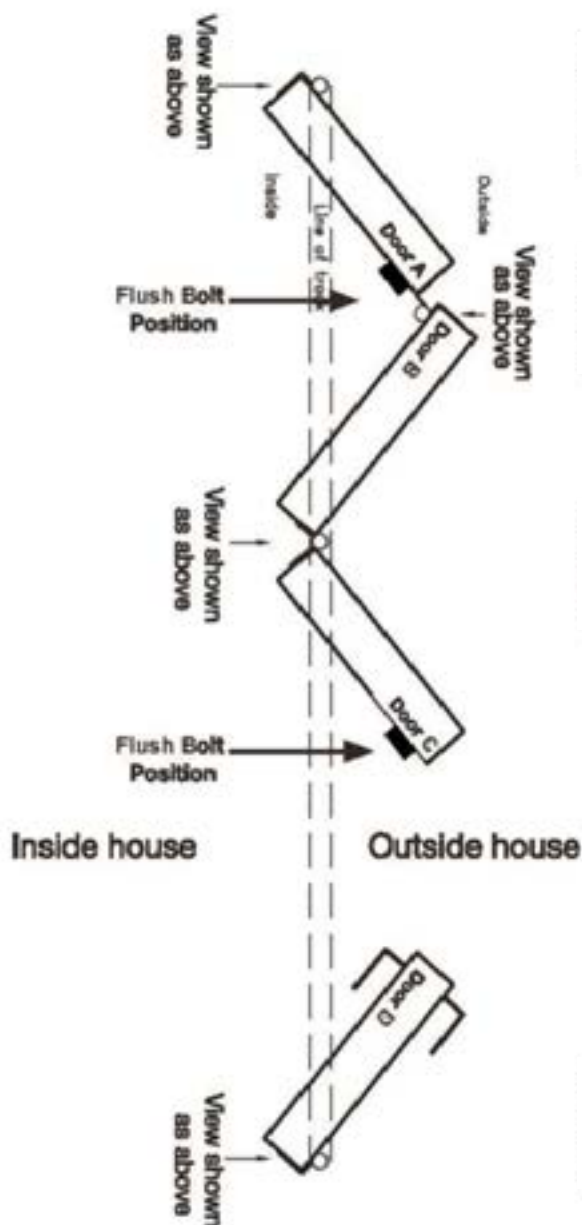
ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

D Fitting and Fixing Instructions

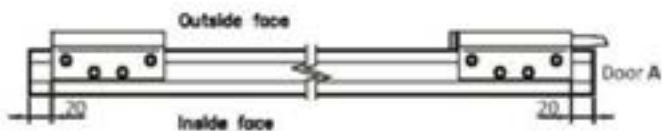
Sliding Folding Patio Doorset

1L3R

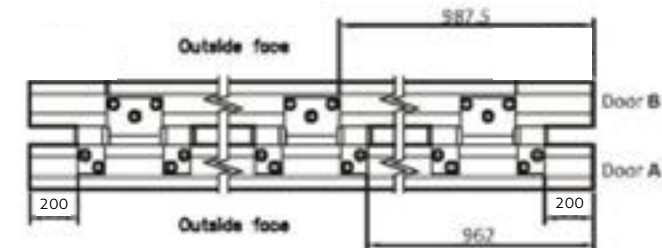
As viewed
from outside



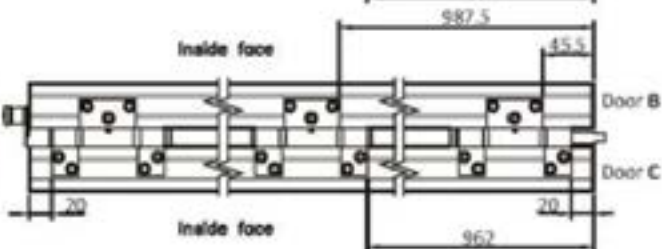
BWS1-100HSS



BW7-100HSS



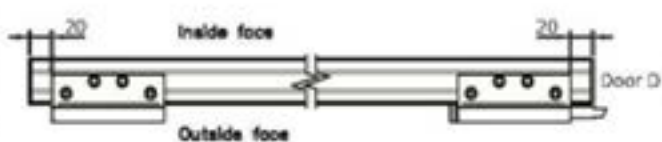
BWS4-50SHSS



Bottom Edge
Of Door

Top Edge
Of Door

BWS1-100HSS



D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

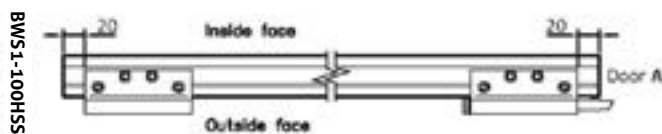
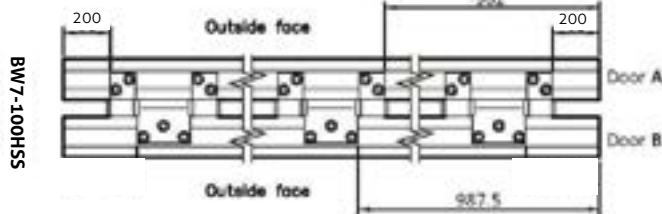
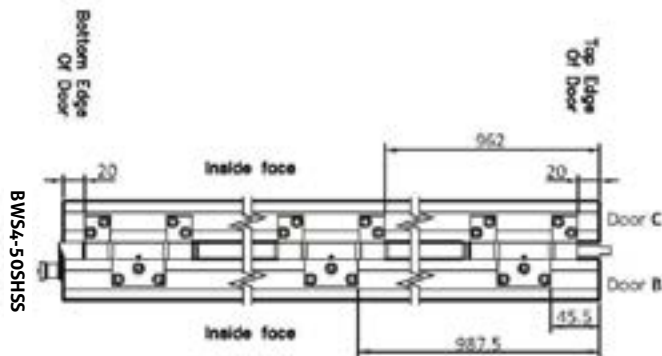
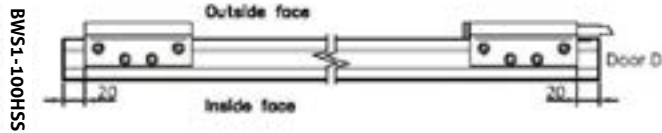
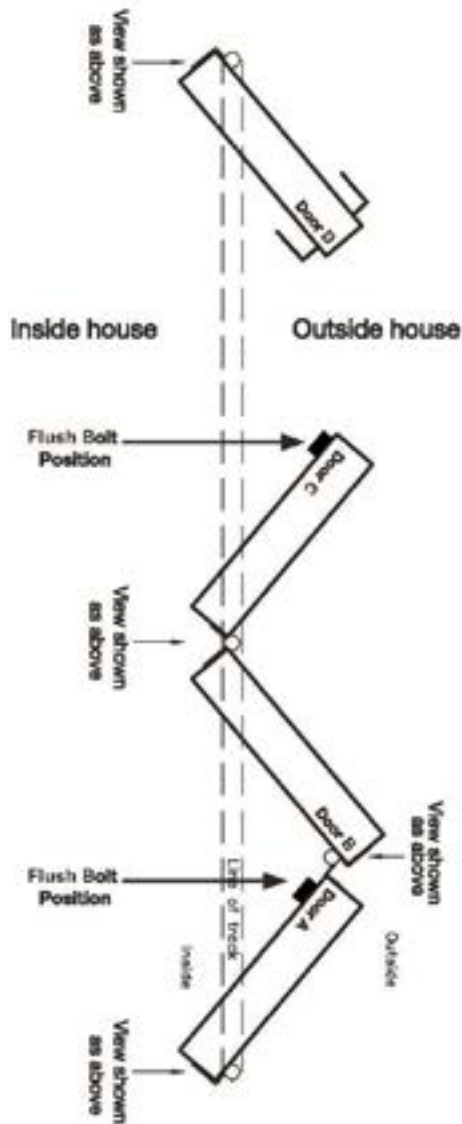
ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

D Fitting and Fixing Instructions

Sliding Folding Patio Doorset

3L1R

As viewed
from outside



D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

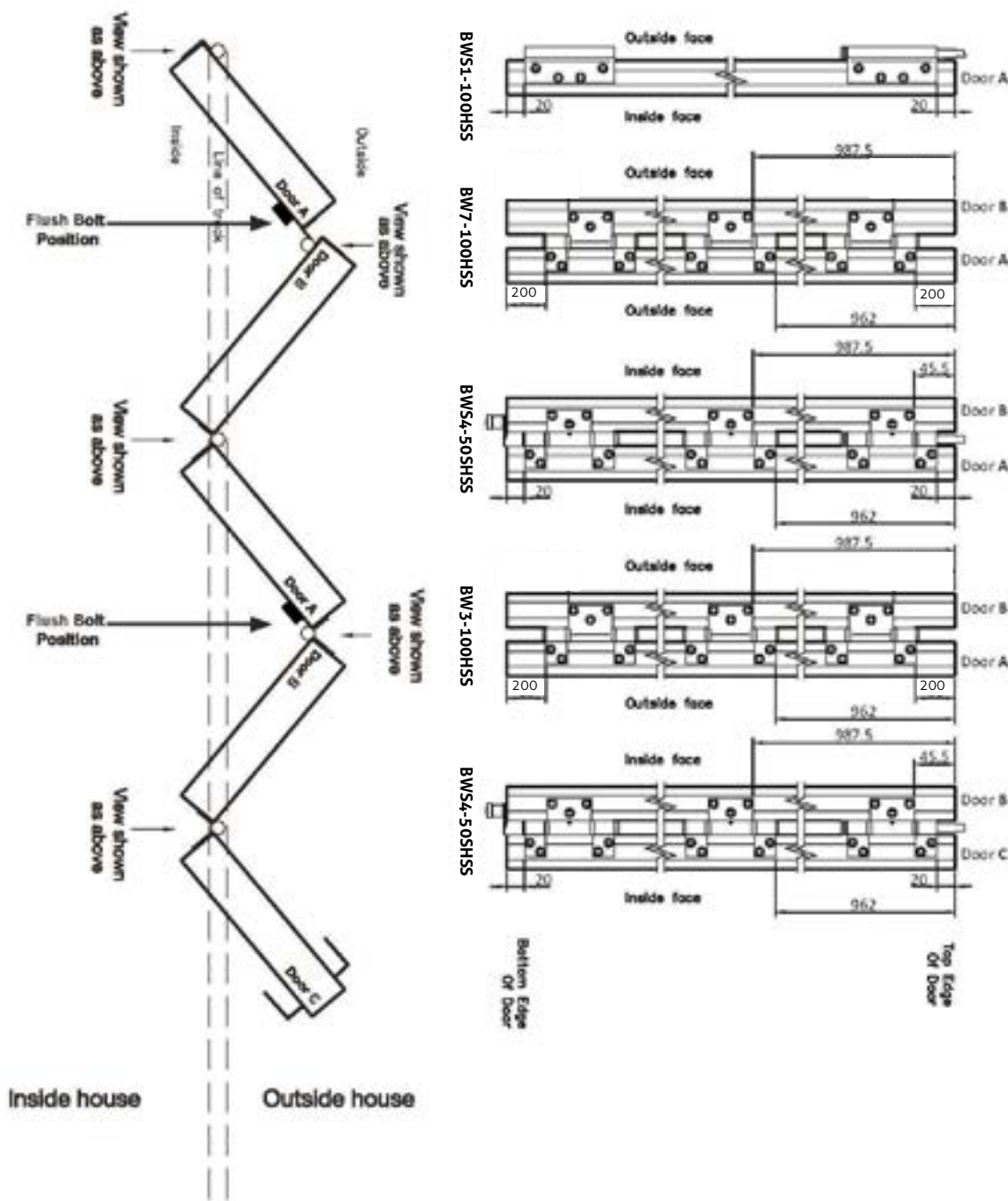
ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

D Fitting and Fixing Instructions

Sliding Folding Patio Doorset

5R

As viewed
from outside



D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

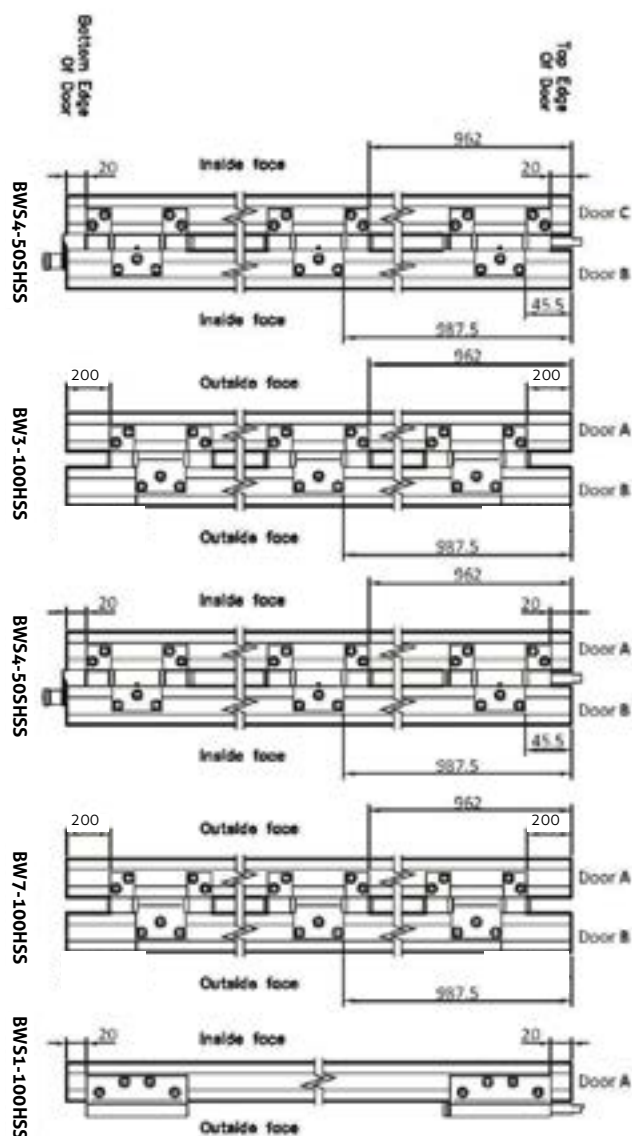
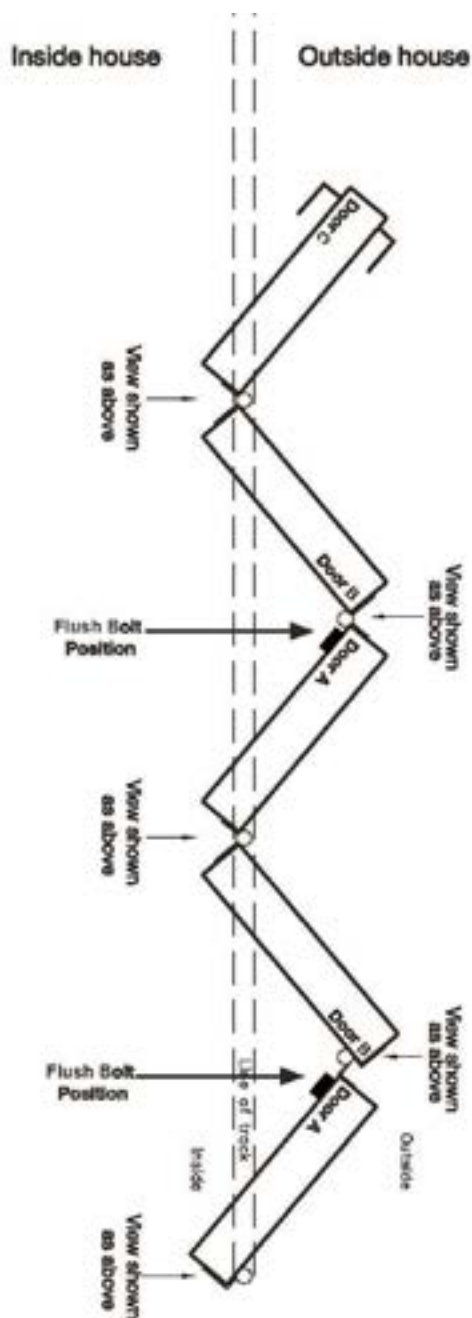
ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

D Fitting and Fixing Instructions

Sliding Folding Patio Doorset

5L

As viewed
from outside



D NOTE

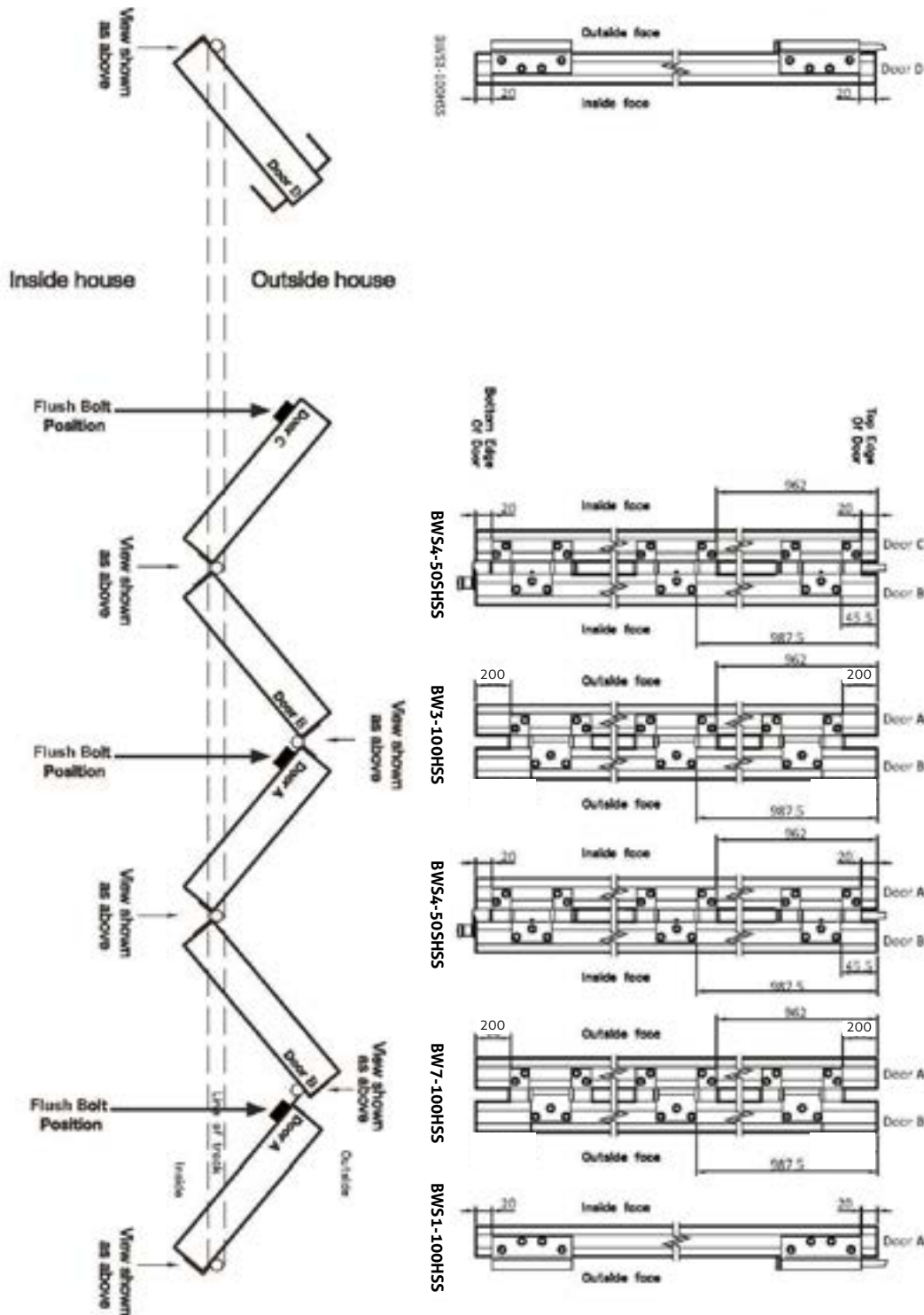
THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

5L1R

As viewed
from outside



D NOTE

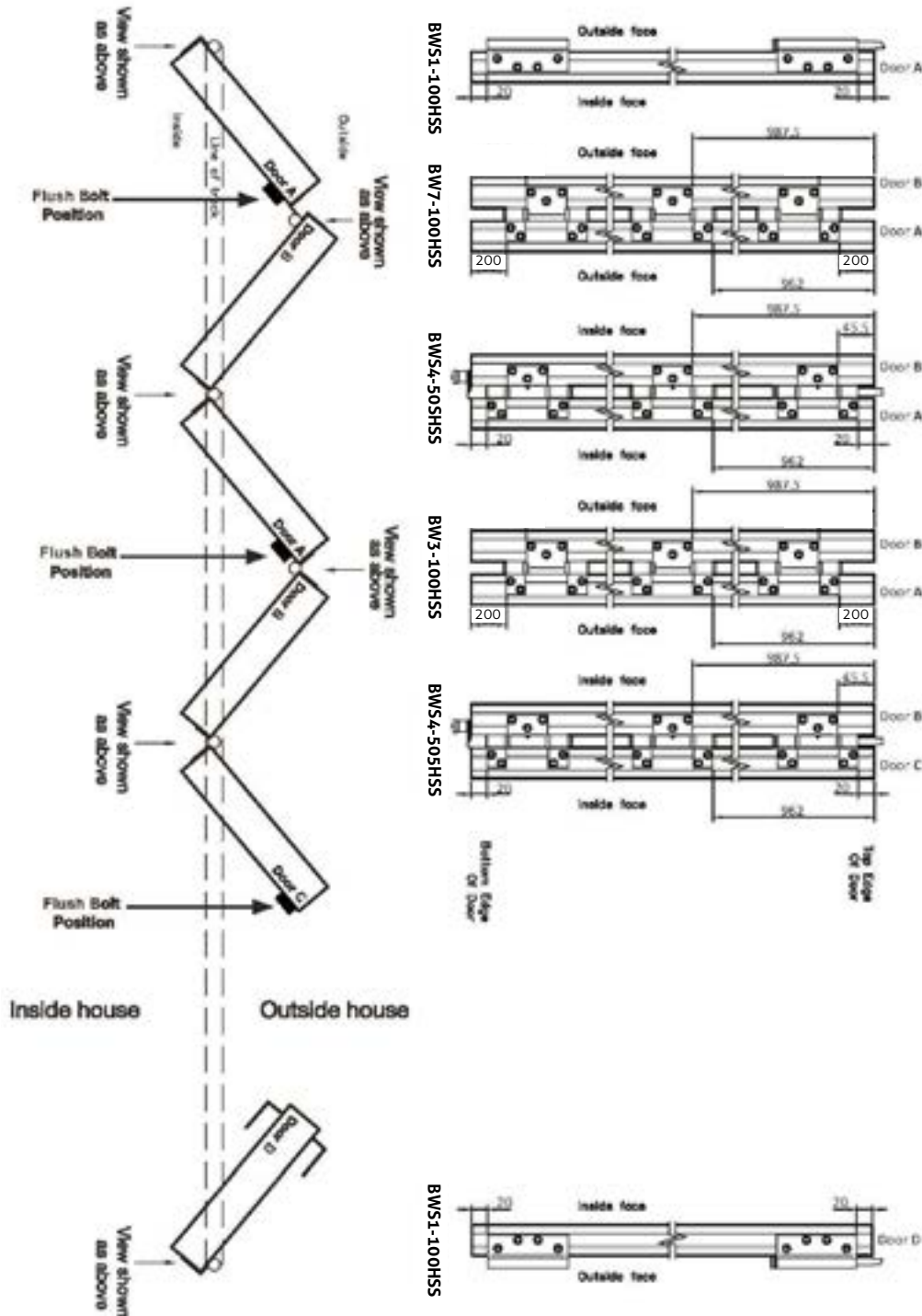
THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

1L5R

As viewed
from outside

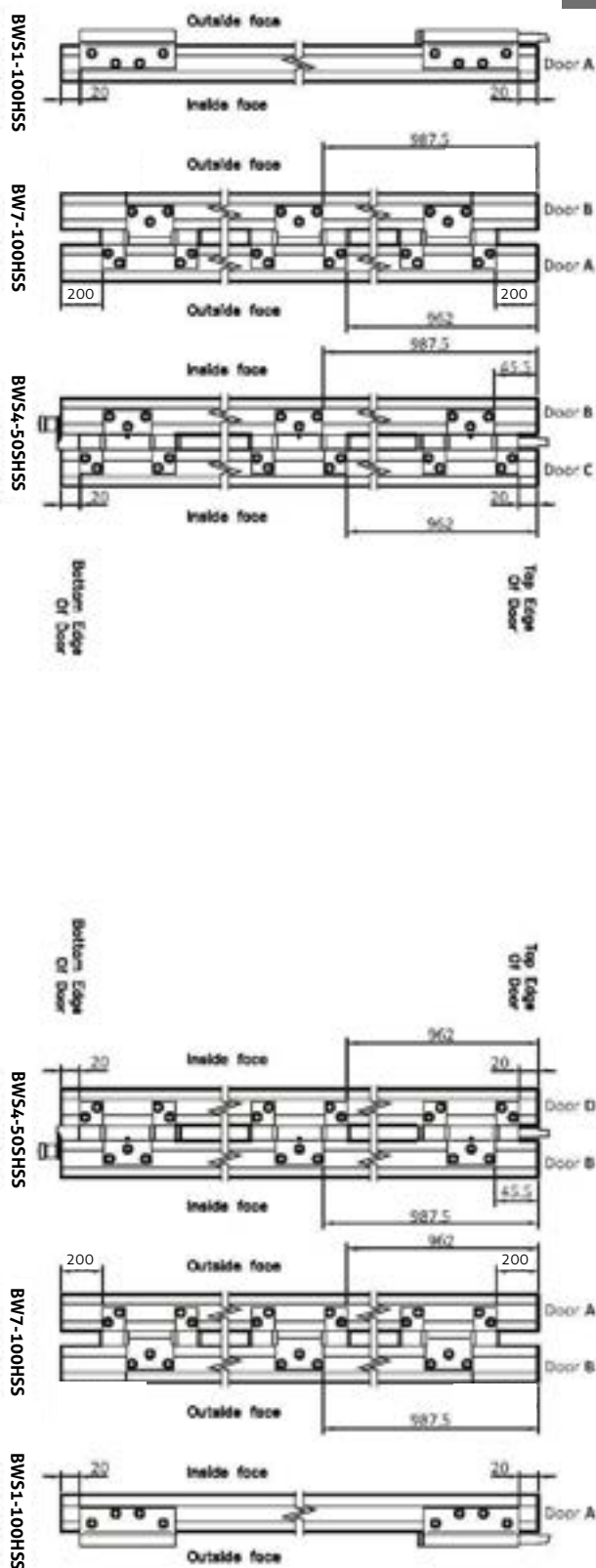
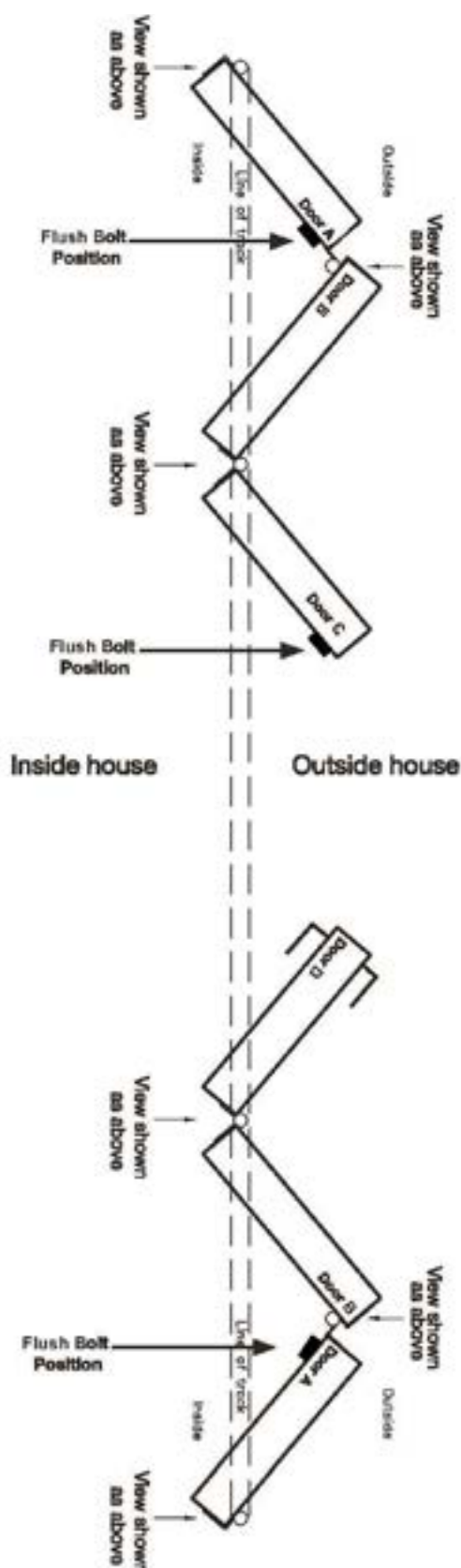


D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE



D NOTE

THE GLAZING BEADING SHOULD BE ON THE INSIDE OF THE DOORS WHEN FITTED

D NOTE

ENSURE YOU TRIM THE WEATHER SEAL UNDER THE FULL LENGTH OF THE HINGE

07 FITTING THE CARRIER AND PIVOT HINGES

In preparation for hanging the door leaves the carrier hinges need to be fitted into the top track in an appropriate order to suit the desired arrangement of doors.

All the carrier hinges are fed into the track through the access slot before the second shorter track is fixed into position. An access slot could be used at one or both ends of the top track.

Note: It is not important which end of the track the access point is located but the carrier hinges must be fed into the track in the correct order & the vent slots in the track must align with inside frame head machining.

Feed in the pivot hinges and carrier sets into the top track in accordance with this table:

Door Arrangement	Position of Carrier Hinges (Viewed from the outside)			
	Left Hand Side			Right Hand Side
3L	Pivot	Intermediate Carrier		
3R			Intermediate Carrier	Pivot
3L 1R	Pivot	Intermediate Carrier		Pivot
1L 3R	Pivot		Intermediate Carrier	Pivot
5L	Pivot	Intermediate Carrier	Intermediate Carrier	
5R		Intermediate Carrier	Intermediate Carrier	Pivot
5L 1R	Pivot	Intermediate Carrier	Intermediate Carrier	Pivot
1L 5R	Pivot	Intermediate Carrier	Intermediate Carrier	Pivot
3L 3R	Pivot	Intermediate Carrier	Intermediate Carrier	Pivot

D IMPORTANT



Once all of the parts have been fed into the Head Track, if you have created an access slot by cutting a 50mm section off the Head Track as per the "Handy Tip" in section 5 you must fix this section back in with 2no fixings that fix through to the Lintel.

D Fitting and Fixing Instructions

Sliding Folding Patio Doorset

07 CONTINUED ►

WHEN THE GLAZING IS BEADED THE BEADS SHOULD BE FACING TOWARDS THE INSIDE OF THE BUILDING.

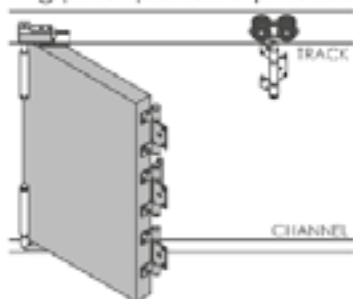
WHERE A HINGE OBSTRUCTS THE WEATHERSEAL CUT THE WEATHERSEAL AROUND THE HINGE. THE HINGES MUST NOT HAVE WEATHERSEAL TRAPPED BENEATH THEM.

Doors should be fitted to the pivot hinges first.
Use pilot holes to fix the hinge to prevent splitting (screws are provided in the hinge pack).

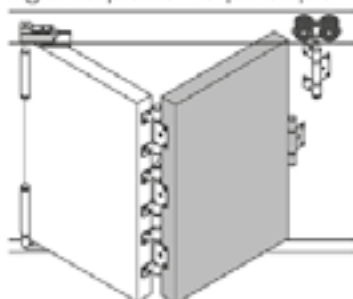
Adjust the top and bottom pivot hinges to ensure the door is vertically plumb before attempting to hang the next door

Once the pivot door is fitted start adding further panels to the assembly. You must follow the illustrations on the 'Door & Hardware Arrangement Sheet' for correct hardware to be used at the correct position on the doorset. Failing to do so will result in incorrect door assembly and may damage the door panels

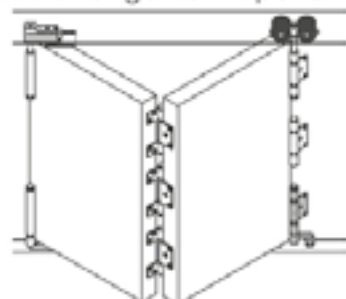
Bring pivot panel to pivot set



Bring 2nd panel to pivot panel

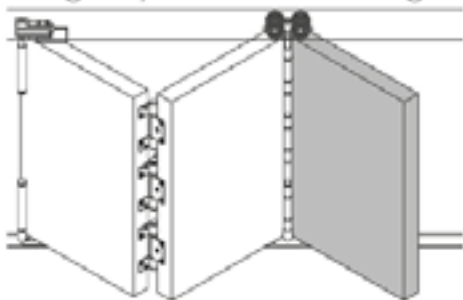


Fix int. hanger to int. panel



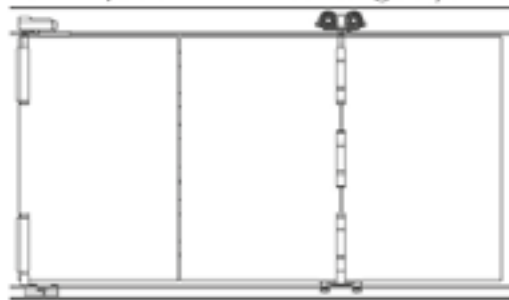
Attach int. guide to int. panel

Bring 3rd panel to the int. hanger



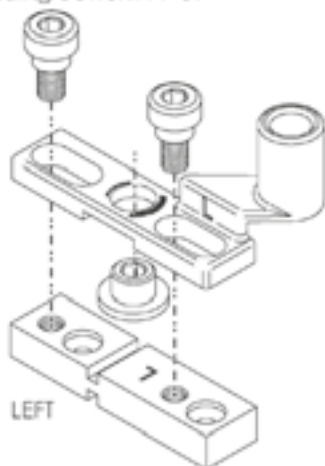
Repeat steps for any remaining doors

Close all panels before starting adjustment

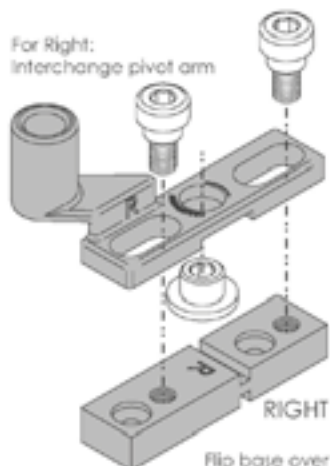


08 HANGING THE DOORS - PIVOT DOOR

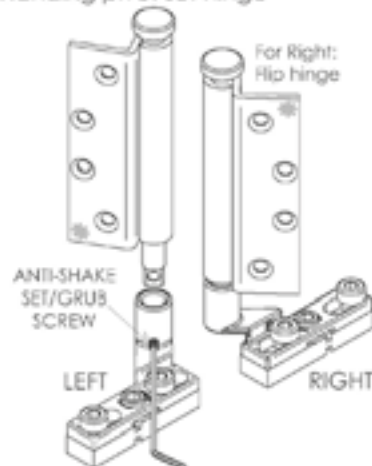
Handling Bottom Pivot



For Right:
Interchange pivot arm



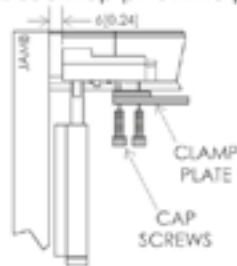
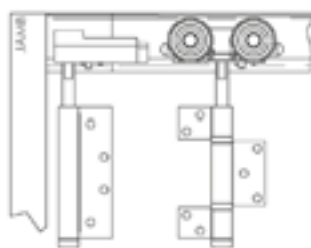
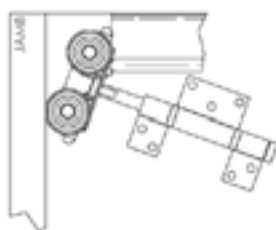
Handling pivot set hinge



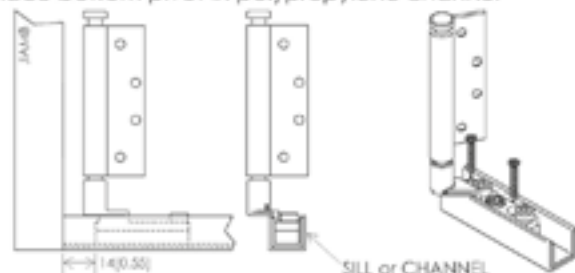
Secure assembly by locking off cap screws

Lock off anti-shake set/grub screw

Insert rollers through access slot, insert pivot and then fix in short track. Lock top pivot into position

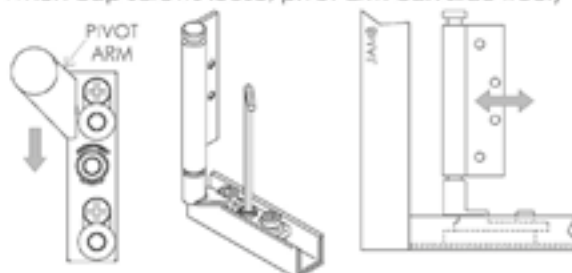


Place bottom pivot in polypropylene channel



Screw fixings pass through assembly

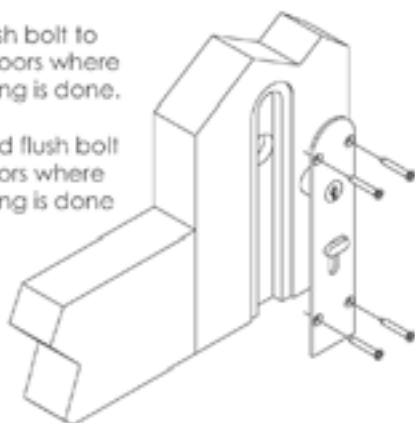
When cap screws loose, pivot arm can slide freely



Securely assemble bottom pivot for installation

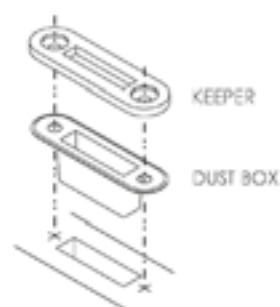
Fit the keyed flush bolt to the bottom of doors where the pre-machining is done.

Fit the non-keyed flush bolt to the top of doors where the pre-machining is done



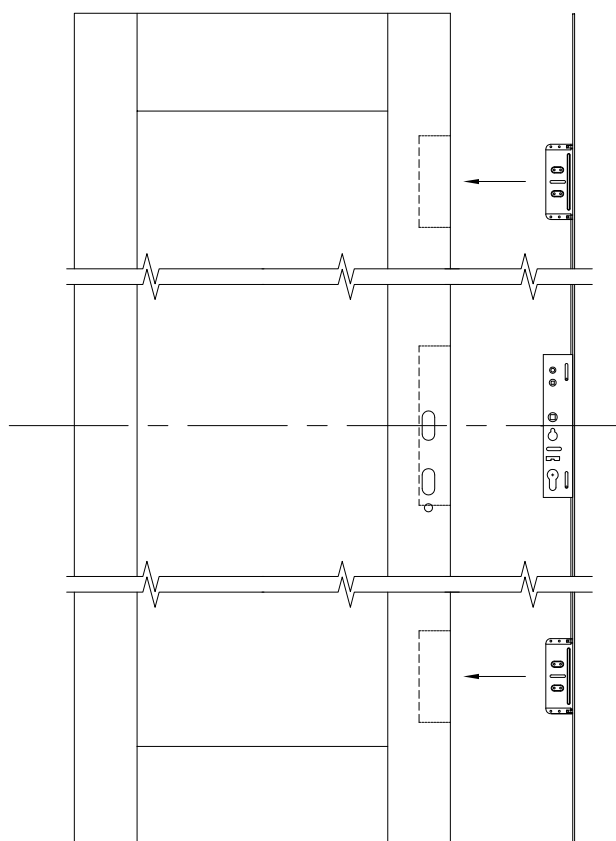
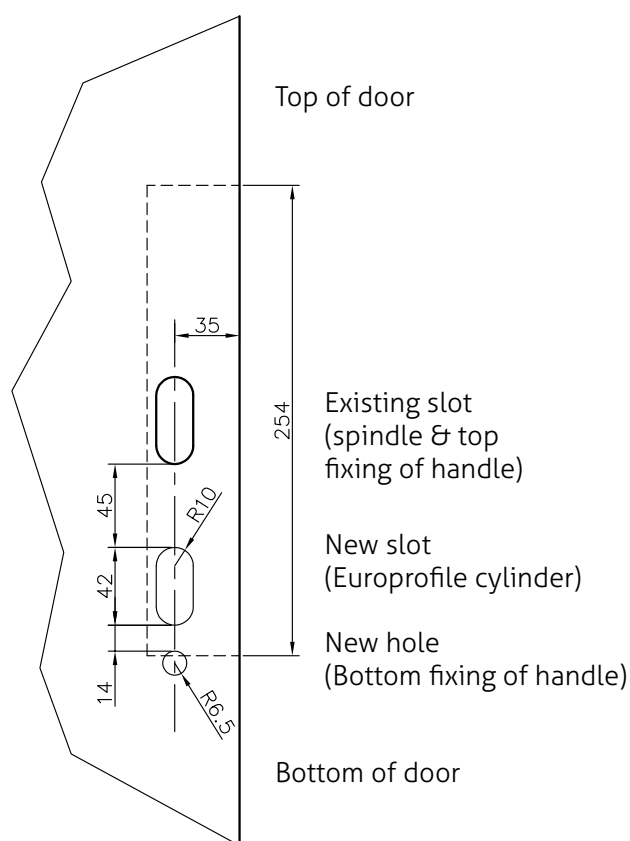
Fit the flush bolt keeper to the frame head in the pre-machined position

Fit the flush bolt dust box and keeper to the sill in the pre-machined position



09 FITTING THE MULTIPOINT LOCK

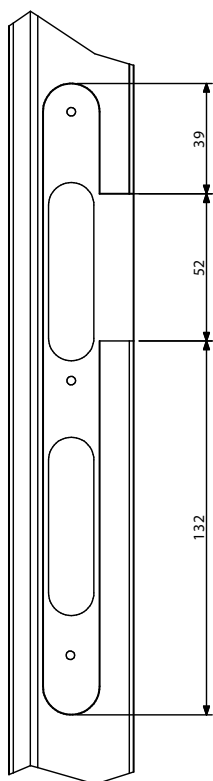
The door leaf that is to receive the multipoint lock is mortised and machined for the face plate of the lock. Once the handing of the door is determined and therefore the top and bottom edges of the doors are established, additional holes need to be prepared through the central mortise as shown on the diagram below.



The multipoint lock is loosely fitted into the machined edge of the door, positioned to match the newly prepared holes in the central mortise. It may be useful to loosely fit the handles, spindle and euro-cylinder to locate the lock accurately (see section 12). Pilot drill each fixing position in the face-plate of the lock with holes of 3.0mm diameter and 30mm deep. Secure the lock with the 3.5 x 37mm woodscrews.

10 PREPARING FOR MULTIPOINT LOCK KEEPS

For door arrangements other than 3L, 3R, 5L and 5R one door has been machined to receive the keeps for the multipoint lock and will need to be prepared to fit the striker of the central keep as shown in the diagram below.





11 FITTING KEEPS AND BLANKING PLATES

To complete the frame installation fit the keeps and blanking plates as the positions shown on the arrangement sheet for your doorset

FOR 4 DOOR & 6 DOOR SYSTEMS CLOSING TO ANOTHER DOOR.



Chisel or router for the keep tongue as necessary dependent on door handing. seal the timber to prevent moisture ingress before fitting keep in to place.

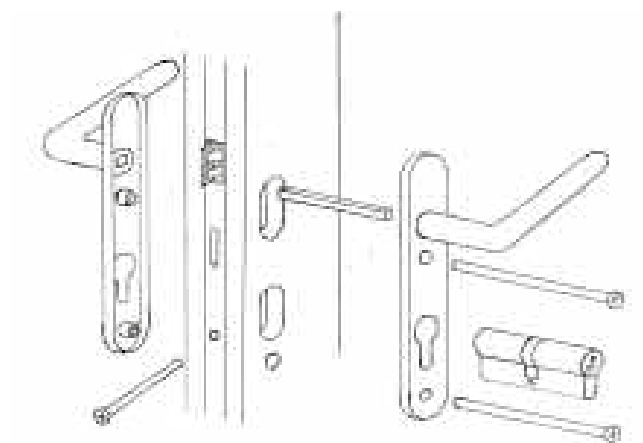
FOR 3 DOOR & 5 DOOR SYSTEMS CLOSING TO THE JAMB



12 FITTING THE HANDLES AND LOCK CYLINDER

For the correct operation of the lock, the latch may need to be reversed of the lock.

- Release the screw holding the latch
- Remove the latch, reverse and replace
- Refit the holding screw



13 FINAL ADJUSTMENT OF THE DOORS

Adjustments can be made to the top and bottom pivot hinges and to the top intermediate carrier hinge located in the head track.

The top pivot hinge and the top intermediate hinge can be used to raise and lower the doors. Again, these should be adjusted together to ensure an even distribution of load.

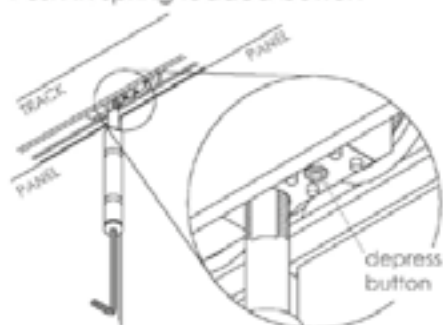
The doors should be adjusted so that there is an even gap at the head, sill and jambs.

The target clearance at the head and sill is 5mm and that at the jambs is 6mm but there is both vertical and horizontal adjustment

If movement of the timber has occurred creating clearances greater than the target dimensions the gap at the multipoint lock should be altered by adjusting the pivot hinge(s) so that the latch engages correctly. This may create a clearance at the pivot hinge greater than 8mm but this will be accommodated by the weatherseals on the stile and jambs.

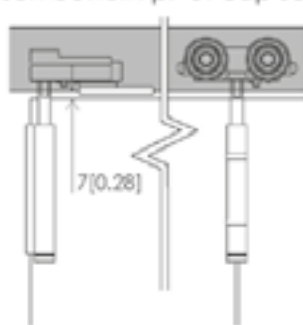
Raise or lower the height of the doors by adjusting the top pivot and intermediate carrier evenly to ensure applied loads are evenly spread to prevent doors bowing.

Push in spring loaded button



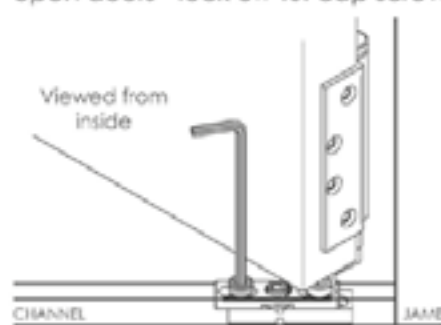
Wind pin into hanger - hanger automatically locks off on bolt flats

Loosen bottom pivot cap screws



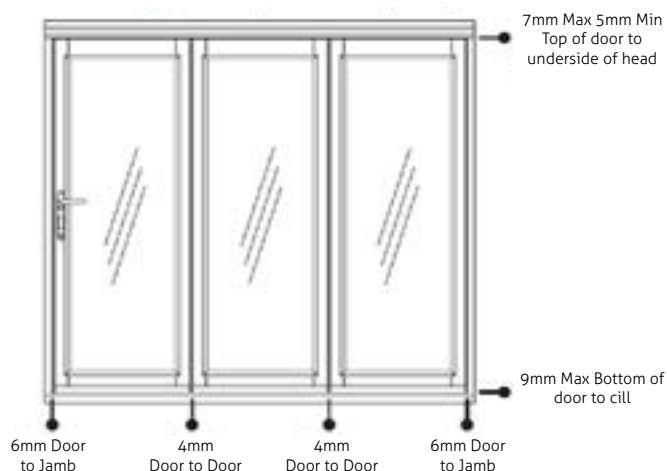
Adjust all hangers and top pivot until panels are level with track

Once panels are level, partially open doors - lock off 1st cap screw



Open fully, lock off 2nd cap screw

Final adjustment, correct spacing.



15 FINISHING & MAINTENANCE

FINISHING

After finishing the installation of your doorset, check that all the fixings are secure and all the specified dimensions are achieved. It is vital for proper operation and long life of your Patio doorset.

The folding sliding doorset is supplied in;

- White or Oak Lacquer

Factory finished requires no further decoration other than touching up damage that may have occurred during installation, with a suitable matching finish.

The manufacturers instructions should be followed. 'Low Build' stains and Danish Oil should not be used.

Pigmented translucent finishes generally perform much better than clear. It is recommended that dark coloured stains or paint should be avoided if the doorset is exposed to the full heat of the sun, particularly on south or south west elevations.

Dark finishes increase surface temperatures and cause excessive drying out, this can lead to surface deterioration requiring more regular maintenance.

MAINTENANCE

These products must be installed in accordance with accepted good trade practice (and in accordance with supplied instructions where applicable), and maintained in accordance with these procedures or else the warranty shall be void.

Inspections & Cleaning of these products should be carried out every 6 months as a minimum and any finish degradation should be re-decorated accordingly. Failure to maintain the finish will invalidate the guarantee.

AUTOMATIC CLOSERS AND OPERATORS

All Door Hardware systems supplied are designed for manual operation only.

HARDWARE

In buildings is subject to deterioration from everyday use, and also from environmental attack due to atmospheric and other conditions. Maintenance of hardware is even more important in severe environments such as coastal marine areas, and some industrial areas. Even stainless steel products require maintenance to prevent deterioration in some environments.

TRACK AND BEARINGS

Using a spatula or similar item (not your finger), apply a small amount (typically a 1/4 teaspoon) of white petroleum jelly (Vaseline) or similar lubricant to the inner lip of each side of the track. Ensure that the wheels pass through the lubricant and it is distributed evenly along the track. Put additional lubricant around bearings. Lubricant reduces wear, improves smoothness and further protects against corrosion of track and bearings. Remove all surface contaminants by wiping all visible track surfaces with a damp soft cloth and a mild detergent, then wipe clean with a clean cloth. In severe environments, apply a thin film of a corrosion preventative by wiping with a soft cloth moistened with one of corrosion preventative products.

Stainless-steel bearings are manufactured from hardening-grade stainless steel and although this material performs considerably better than plated steels, it is still susceptible to corrosion unless maintained as described above.

HANGERS, PIVOTS AND BRACKETS

A light spray application of a corrosion preventative followed by a light wipe with a dry cloth to remove excess is recommended to all hangers, pivots and brackets. Exposed surfaces should first be wiped down with warm soapy water and a soft rag, and then rinsed clean before applying preventative.

HINGES

Wipe down the visible surfaces with warm soapy water on a soft rag and then rinse off by wiping with a clean damp rag. Application of a thin film of a light machine oil or one of the corrosion preventative sprays will help to maintain the original lustre of the metal finish. Be careful not to get these compounds on the timberwork itself as they may cause staining.

FLUSH BOLTS

Spray application of a suitable lubricant to the sliding pin inside the bolt and to the lock cylinder is recommended. A tube attached to the nozzle will help to concentrate the spray where you want it to go.



HANDLES

Refer to leaflet in box.

FREQUENCY

The procedures mentioned above need to be carried out as often as is necessary to prevent deterioration in

the installed environment, however we recommend the following minimum frequency of application:

- General environments 6 monthly
- Marine and industrial environments 3 monthly Regular maintenance is required to all hardware, even stainless steel; otherwise the manufacturer's warranty may be voided.

15 GUARANTEES

Climadoor offers the following guarantees on its products & these guarantees are subject to our Terms and Conditions of sale. Defects that are caused in whole or in part by failure to adhere to our recommendations relating to storage, handling, installation, decoration, glazing and maintenance, are not covered by the guarantees:

10 Year Guarantee against manufacturing defects

5 Year Guarantee against glass unit failure

10 Year Guarantee against fungal rot and decay on all external components

5 year guarantee on Hi-build factory painted external joinery in accordance with EN927/1-7

2 year guarantee on Tinted Oak lacquer finish

Exceptional wear and tear of hardware through extreme use is not covered. We will accept no responsibility for products cut down in size after receipt, or when utility or structural strength is impaired in fitting or application of hardware.

Hinges, aluminium rails and other hardware fitted must never be painted, and must be kept clean and lightly lubricated at all times. Use Vaseline or neutral oil. Keep rivets and moving parts lightly lubricated. Lubricate at least once a year, in coastal areas and/or places with high pollution, clean and lubricate more often.

The fitting instructions where supplied must be followed and the assembly, fitting procedures described must be strictly adhered to.

All joinery shall be installed correctly in accordance with normal trade practices and adequately maintained in service.

We accept no responsibility for failure of product caused by inadequate or unsuitable decoration. All edges, corners, tops & bottoms of doors must be adequately decorated.

These are the minimum requirements and further finishing coats must be applied to the manufacturers' recommendations to afford full protection.

Take care not to paint over any form of weather stripping, as this will adversely affect their performance.

Any surfaces subsequently cut, particularly those exposing end grains, must be brush coated with preservative and if required for paint finish must also be primed before the joinery is fixed in position in accordance with British Standards or Euro codes.

The decorative finish applied to external joinery must be maintained in service and moisture must not be allowed to penetrate into the timber throughout its life.

Regular maintenance of the paint or stain finish of the frame is essential for the long-term performance of all the components of your patio doorset. The period between maintenance checks will vary depending on the type of paint or stain finish and also the local conditions for the site. External joinery products must be cleaned at a maximum of six monthly intervals using a mild non-abrasive cleaner and soft cloth.

Both internal and exterior faces should be cleaned.

Make regular checks to ensure that any drainage holes, channels and spaces are kept clear. Use a soft flexible brush or pipe cleaner with care to remove obstructions.

Finished joinery is guaranteed against blistering, cracking, flaking or erosion excluding natural resin exudation and movement around knots.

Annual inspection should be made and touching up carried out as necessary in areas of wear and tear (for example, exposed areas of sills or where the paint film has been breached).

Guarantees to the finished product are also on condition that:

- No physical or chemical damage to the doorset or coating has occurred
- No repairs or alterations to the surrounding buildings have occurred which are detrimental to the joinery performance.
- No failure of the coating has occurred caused by failure of ancillary products, or glazing.
- No damage to the coatings has occurred prior to, or during, installation.
- No damage to the coating has occurred, caused by bad maintenance of the building or poor design of the building.



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