



installation manual



ADVANCE7

Panoramic Sliding Door
The Innovative and Revolutionary Option to the Bi-fold Door

Liability Exclusion

All specifications in this catalogue were compiled carefully and reviewed. Because of technical progress and legislation modifications, the data may have changed in the meantime. We therefore hope you shall understand that we cannot be held liable for the correctness, completeness, and topicality of the contents.

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Product Liability Guidelines	2
Contents	3
General Advice	4
General Design Description	5
Installation Guidelines	6
Fixing Recommendations	7
Installing sliding sashes	8
Glazing Instructions	9
Glazing Packing	10
Combinations Available	11
Hinge Adjustment - Master Door and Slave Door Adjustment	12
Operating Instructions	13
Installation Bullet Points	14
Contact Details	15

Functional safety of the hardware

- To ensure continual functional safety of the hardware, the following should be observed:
 1. Application ranges and/or sash rebate width & height, max. sash weight and total element width and profile manufacturers' regulations. (Page 5).
 2. Professional installation of the hardware components in accordance with these installation instructions. (See Installation manual).
 3. Professional installation of the elements throughout the window installation process. (See Installation manual).
 4. Observation of the maintenance and operation instructions. (See Installation manual).
 5. The entire hardware may consist of only original Selecta system components. The use of non-Selecta components excludes any liability on our part.
 6. tracks and guides are to be cleaned regularly from dust and dirt, so that the smooth movement is maintained.
 7. All EASi-FOLD Door and window hardware components are made of rustproof materials.

Product liability regulations

- The sash lock handle is to be fixed with screws provided with the hardware.
When fixing the central locking hardware components, corrosion protected hardware-adapted fenestration screws are to be used. The competent window-fabricator must ensure adequate fixing of the hardware components consulting the screw manufacturer if necessary. The glazing spacer-block regulations for the glazing method are to be adhered to.

Product liability - Liability exclusion

- The hardware manufacturer is not liable for malfunctions or damage to the hardware and to the EASi-FOLD windows and doors equipped with the hardware, if any such malfunctions or damage have been caused by inadequate tendering procedures or failure to adhere to the installation instructions and application drawings.

Selecta Systems EASi-FOLD Door

One-handed operation, central locking system concealed in the sash rebate.

Doors optionally inward or outward opening, with standard track with teflon gliders, in accordance with DIN 18024/5. Application especially for thoroughfares to the conservatory or to a roofed terrace, patio area, etc.

The tracks are anodised black or white Alum 6063 T6. Hinges are pressed steel Nano coated. Pivot poles, blocks and landing gates are PA66 + 15% GF.

All components are retro-adjustable.

Application range:

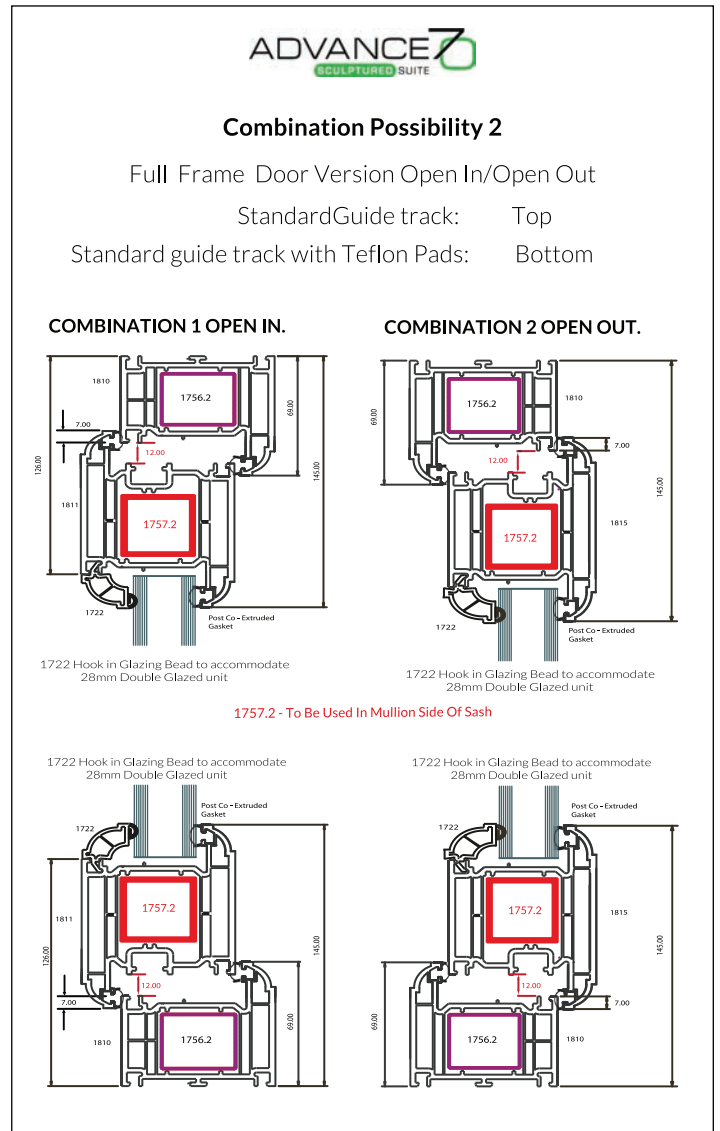
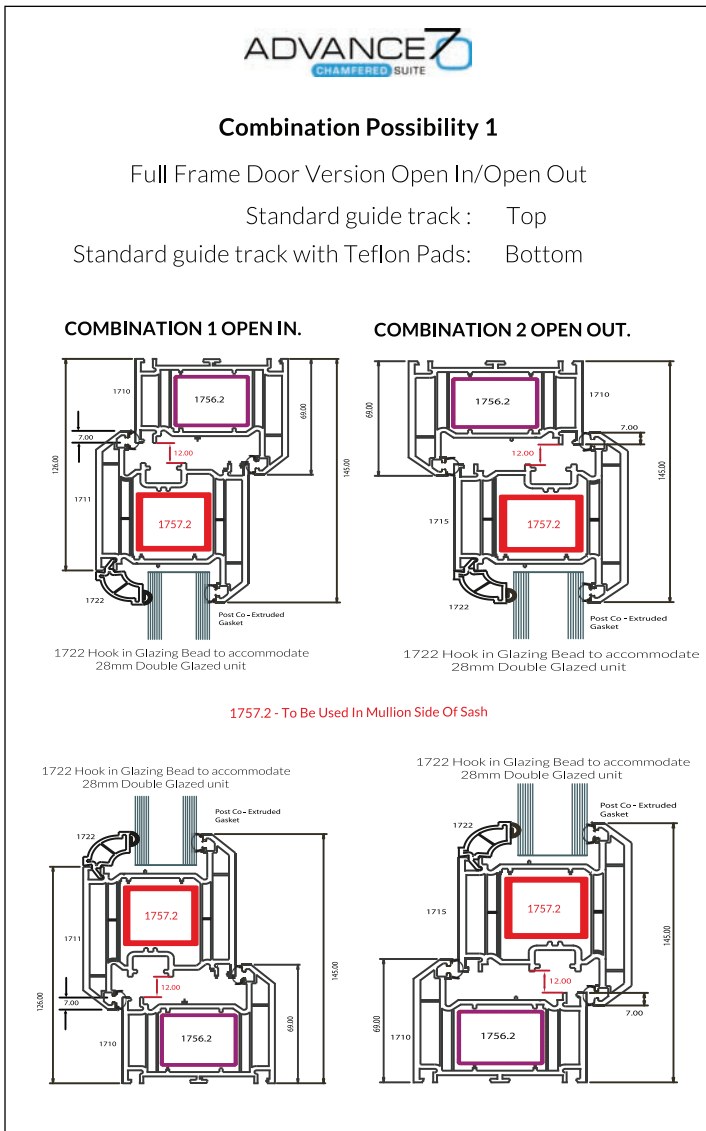
Sash width: min. 500mm – max. 1000mm (folding sash)
 Sash height: min. 2000mm – max. 2150mm
 Sash weight: max. 80 kg
 Roller track length: max. 5.9 m (Tracks come in 3m Length)

Standard Profile colours:

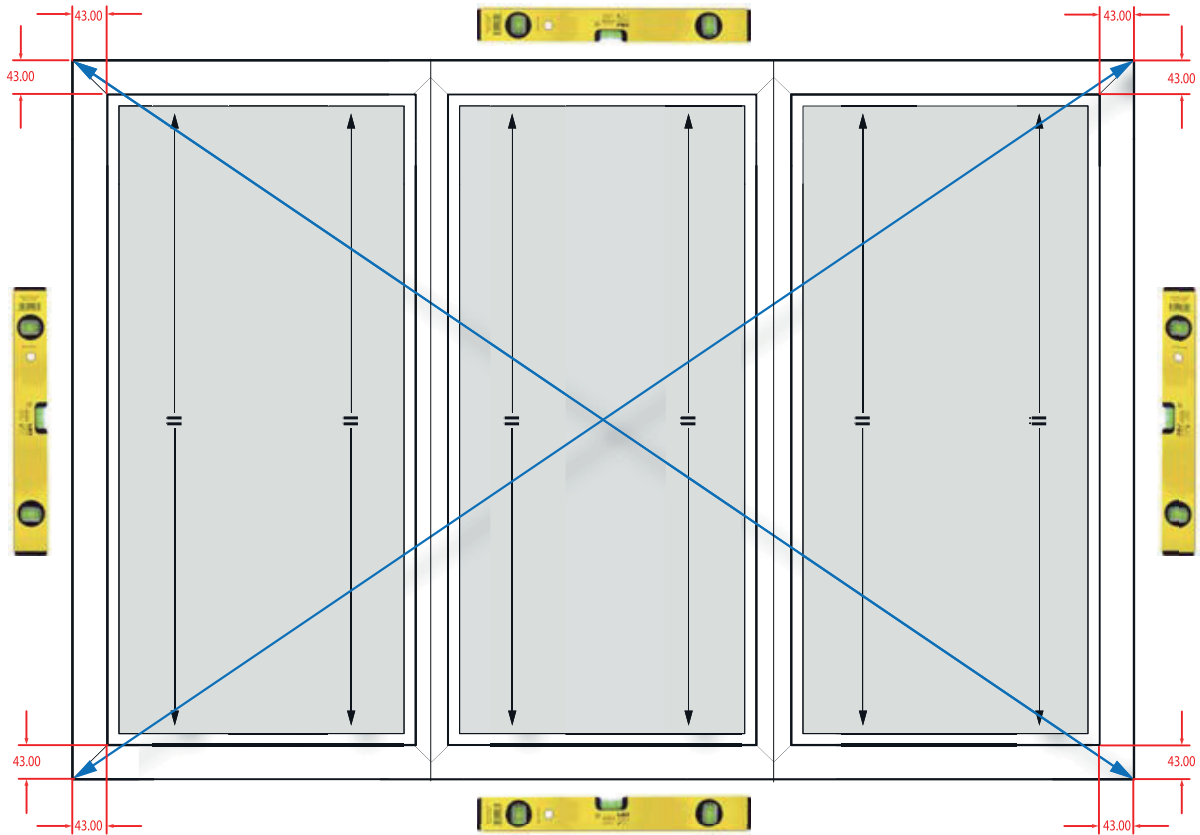
White, Rosewood, Anthracite Grey, Golden Oak.

Standard Track colours:

White, RAL 9016. Black, RAL 9005.



ALL VERTICAL SASH MEMBERS WITH MULLION ATTACHED MUST BE REINFORCED WITH 1757.2 TO CARRY PIVOT POSTS.



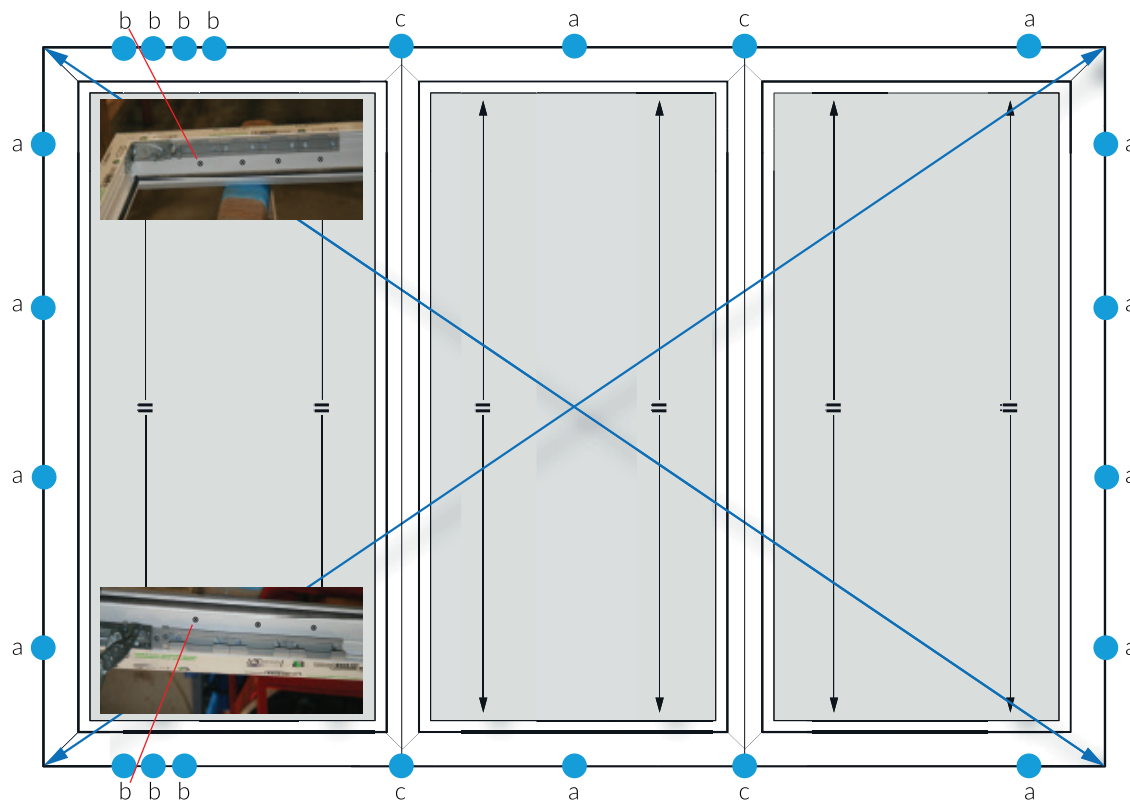
To ensure smooth operation the following guidelines MUST be adhered to:

- a) The 43mm distance MUST be maintained between edge of frame to edge of each sash all around installation.
- b) The frame head, base and jambs are 100% level and plumb.
- c) The cill must be set on siliconed packers and mortar to ensure it is level with the highest point.
- d) The cill will have a continuous bead of silicone along its full length and along both sides for the frame to bed onto.
- e) The running and guide tracks are parallel.
- f) The frame is square diagonally.

TIME TAKEN INSTALLING THE FRAME CORRECTLY WILL AID THE INSTALLATION OF THE SLIDING PANELS AND GLASS

PLEASE NOTE:

If the EasiFOLD door is installed on a construction site, the bottom of the frame is to be protected against soiling from screed and other materials.



● Fixing point

Perimeter fixings shall be positioned as follows:

- a) 1 No. fixing 150 - 250mm from a corner both horizontally and vertically. Then equidistant around the frame at NO MORE than 600mm centres.
- b) Additional fixings should be placed behind EACH LANDING GATE -TOP AND BOTTOM. This provides extra stability at these points and is very important, as all of the sashes open from one end.
- c) Additional fixings should be placed top and bottom where the mullion of each sash will be located when the doors are closed.
- d) It is NOT recommended to fix the frame using either fixing lugs or frame fixing clips.

PLEASE NOTE:

Adequate fixing screws must be used, 10mm x 100mm fischer bolts or 7.5mm x 122mm direct fixing screws.

ALWAYS CHECK THAT SCREW FIXINGS ARE NOT ADVERSELY AFFECTING BRICKWORK. I.E. LOOSENING FACE OF BRICKS OR SOLDIER/HEADER BRICKS MOVING.



With a SOFT faced hammer or mallet, gently tap the bottom pivot post so that it touches the bottom landing gate. Pencil mark the position of the top end of the pivot post on the sash mullion.

Repeat this step for the top pivot post. Slowly slide the sash back and tighten the screw fixings in the elongated slots, ensuring that the pivot posts have not moved from the pencil lines.

**DO NOT FIT REMAINING SCREWS AT THIS TIME.
ONLY FIT AFTER FINAL GLAZING AND OPERATION CHECK.**

Remove the bottom pivot post from the sliding sash.

Lay the top of the sash into the frame close to the landing gates, ensuring that the pivot post and the bottom guide roller locate **BEHIND** the aluminium track.

Push the bottom of the sash inwards until the bottom guide touches the track. Slide the sash toward the master door end until the bottom guide enters behind the bottom track through a landing gate.

When it is located, slide the sash away from the master door. The sliding sash guides will now be located behind the top and bottom tracks, so the sash will not fall out.

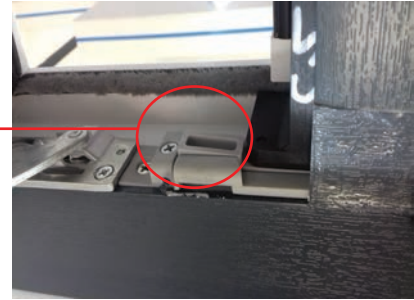
Loosely re-fit the bottom pivot post, only using the 2 elongated slots.

DO NOT FULLY TIGHTEN THE SCREWS AT THIS POINT.

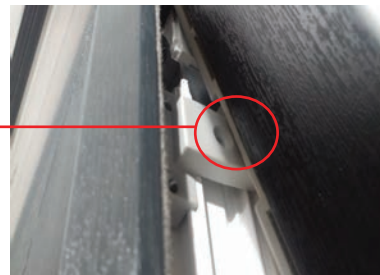
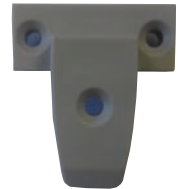
Slide the sash towards the final landing gate. Both the top and bottom pivot posts should be held through the elongated slots at this point.



With the bottom pivot post re-fitted, slide the first sash into the first landing gate and brace. Ensure the spacers are touching the stop top and bottom (see below) and carefully open into the 90 degree position.

Top Stop**Bottom Stop****CRITICAL AREA**

When the sash is in the open position, check the top of the sash for the correct coverage where the quadrant of the pivot post meets the landing gate, along with the cover on the euro HG.

Pivot Quadrant**Euro HG****GAPS CAN BE NO MORE THAN 1mm**

If the gap is MORE than 1mm IT IS INCORRECT.

**DO NOT MOVE THE PIVOT POST TO OVERCOME THIS.
TO ACHIEVE THE CORRECT GAP, ADJUST THE HEAD OF THE FRAME UNTIL THE GAP IS CORRECT.**



Repeat this procedure with each sliding sash.

**PLEASE NOTE:
THE PIVOT SPACER ON EACH SUBSEQUENT SLIDING SASH MUST TOUCH THE BACK OF THE PREVIOUS SASH PIVOT SPACER,
TOP AND BOTTOM, AND NOT THE HINGE STOP.**

MASTER DOOR

Toe and heel the sash as a normal door or side hung window installation using relevant packers, wedges or sash jacks to suit glass unit size. (SEE PAGE10).

FIRST SLIDING DOOR (DO NOT TOE AND HEEL SLIDING SASHES)

Place packers in all four corners and, IMPORTANTLY, in the centres to evenly distribute the sealed units' weight and to prevent it from moving when installed.

Slide the sash into the relevant landing gate until the pivot post touches the end stop. Position the sealed unit centrally into the sliding sash panel and pack it solid in both bottom corners, before packing the sides solid at the top.

THE GLASS MUST NOW BE PACKED CORRECTLY TO ENSURE THAT THE TOP AND BOTTOM PIVOT POSTS HIT THEIR CORRESPONDING END STOPS SIMULTANEOUSLY. IF YOU NEED TO TILT THE SASH TO THE LEFT, PACK THE GLASS AT TOP LEFT AND BOTTOM RIGHT. REVERSE IF YOU NEED TO TILT THE SASH TO THE RIGHT.

PLEASE NOTE: LIFTING AND PACKING THE GLASS IN THIS MANNER BY 1mm WILL THROW THE TOP OVER BY APPROXIMATELY 3mm.

Slide the sash into the landing gate until the pivot posts hit the end stops. If the glass has been correctly packed there will be no gap, top or bottom where the pivot posts meet the stop.

If there is a gap the sash will need to be re-packed.



Before opening the now glazed sash into the 'fold' position, check that the top and bottom pivot posts have not moved from the pencil marked positions.

Secure with the fixings supplied into the remaining four holes in each pivot post.

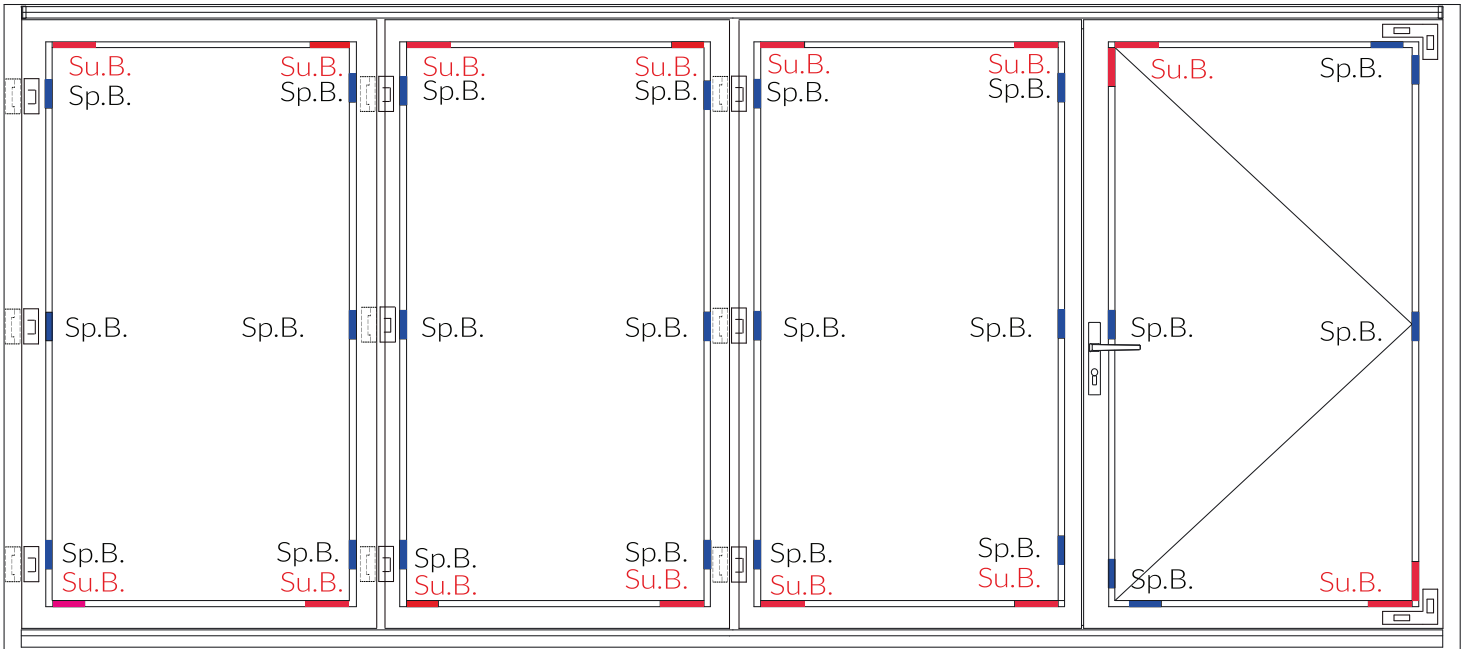
The holes for these must be pre-drilled using a 4mm long reach drill bit.

FAILURE TO FULLY FIX THESE POINTS BEFORE TURNING THE SASH MAY RESULT IN THE SASH SLIDING DOWN IN THE ELONGATED SLOTS.

Once the sash is glazed correctly, silicone the packers into position to stop them moving during use.

ADDITIONAL SLIDING DOORS

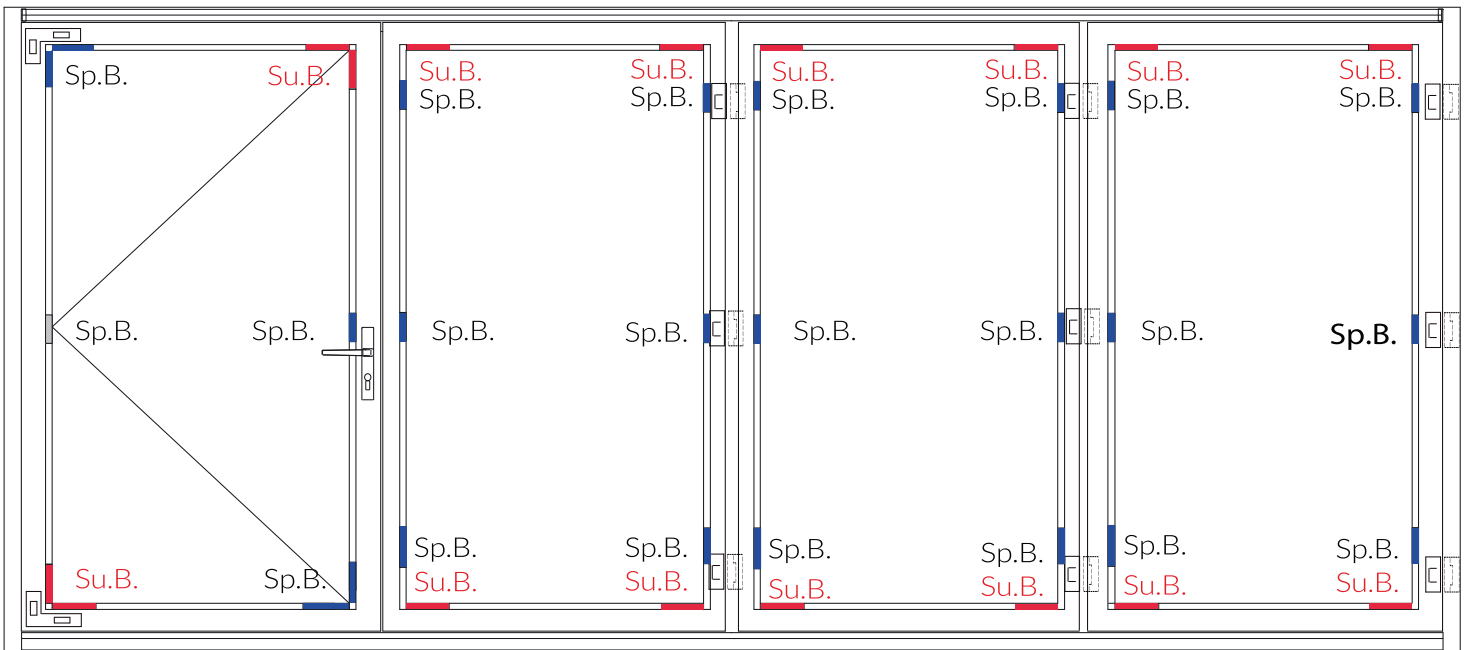
Repeat this procedure for all of the sliding sashes. Note that on any subsequent sliding sashes, they will be sliding into position against the trailing end of the previous sliders' pivot post rather than an end stop.



— **Su.B.** = Support packers for glass

— **Sp.B.** = Spacer packer

 = Dog Bolts.

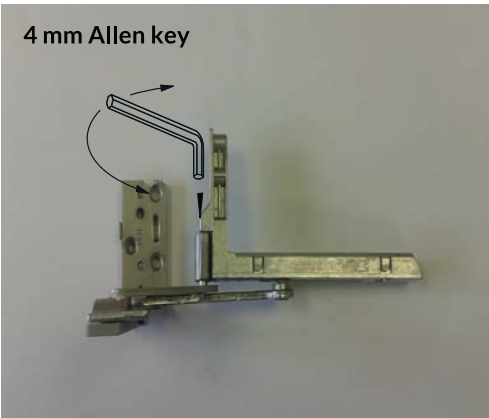
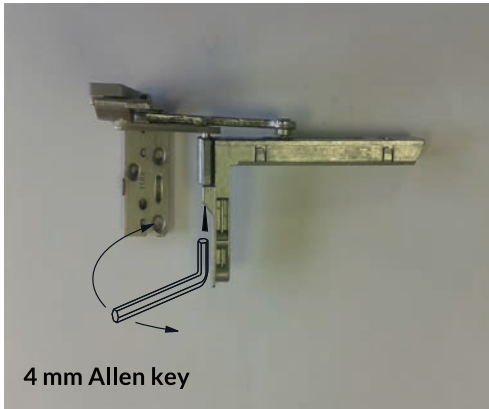


— **Su.B.** = Support packers for glass

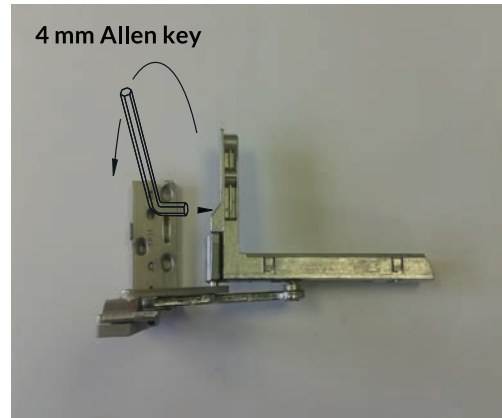
— **Sp.B.** = Spacer packer

 = Dog Bolts.

VERTICAL ADJUSTMENT FOR MASTER DOOR.



HORIZONTAL ADJUSTMENT FOR MASTER DOOR.



CENTRAL COMPRESSION DEVICE FOR MASTER DOOR



The compression device is fitted centrally on the hinge side of the Master door.

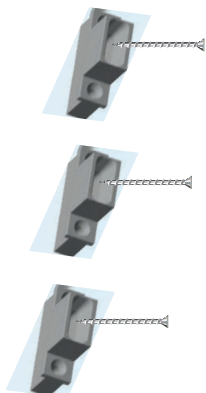
One part fits into the eurogroove on the sash and the other device is fitted to the frame opposite this.

On larger size doors 2 pairs can be fitted, 1/3, 2/3 positioning.

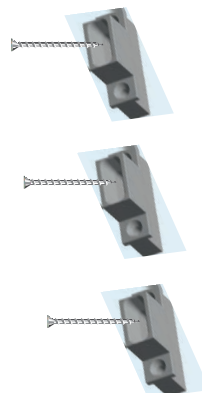
HORIZONTAL ADJUSTMENT FOR SLAVE DOORS.

Each dog bolt 'female' receiver will have an adjusting screw in the centre. To adjust door cover, undo or tighten screws. There are 3 to a door, when adjusting screws, use all 3 screws on each door to maintain a parallel sight line.

LEFT SLIDING SLAVE DOORS.

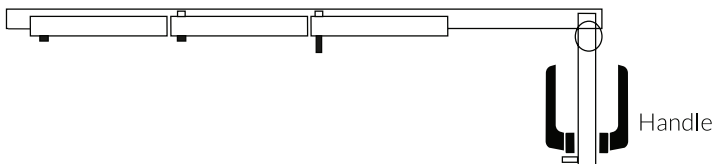


RIGHT SLIDING SLAVE DOORS.

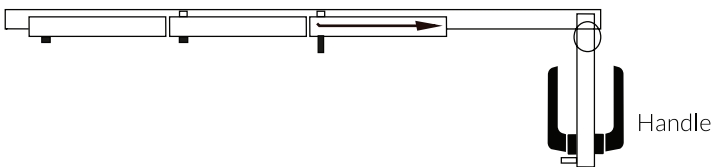


▬ **9517BL** and **9517** 65mm magnets to stop sash damage from handle when open.

▬ **9518BL** and **9518** 25mm magnets to stop sash damage from slamming when open.

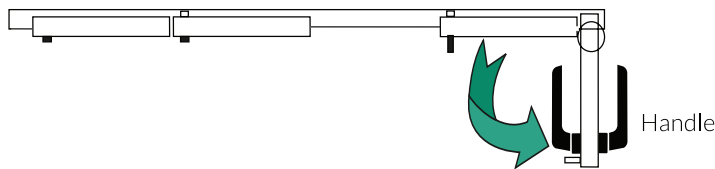


1. Open the active/master sash.

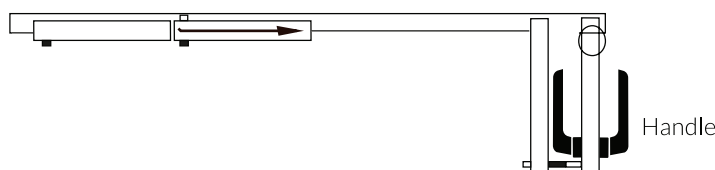


2. Using both hands, gently slide second sash along to opened sash until it touches sash hinge stop.

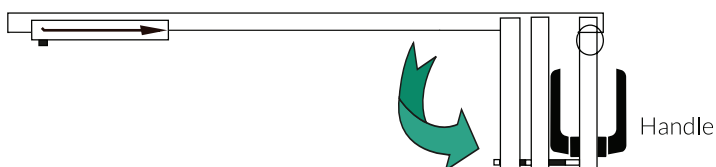
EACH SASH MUST TOUCH THE HINGE STOP TOP AND BOTTOM SIMULTANEOUSLY WITHOUT TIPPING THE SASH.



3. Swing the sash out parrallel to the active/master sash until sash engages with sash retaining device.



4. Repeat the procedure for each consequent sash.



5. Ensure each sash is in the correct position before swinging out.

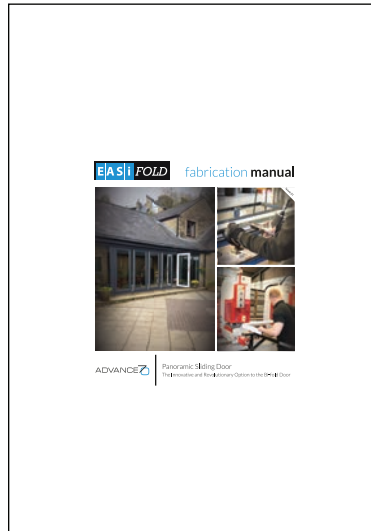
TO CLOSE THE DOORS, PLEASE REVERSE THE ABOVE OPERATIONS.

1. ENSURE THAT A BOX CONTAINS FIXINGS AND BLOCKS FOR EACH SLIDING SASH TO FIX PIVOT GEAR AND GUIDE BLOCK.
2. ENSURE THE FRAME IS FITTED SQUARE AND PLUMB. HORIZONTALLY, VERTICALLY AND DIAGONALLY. THE CILL SHOULD BE BEDDED ONTO MORTAR AND PACKED.
3. FIXING POINTS MUST BE ADHERED TO. ESPECIALLY BEHIND EACH LANDING GEAR, TOP AND BOTTOM. THIS IS TO TAKE THE WEIGHT OF EACH SASH.
4. GLAZING PACKER POINTS MUST BE ADHERED TO.
5. GLAZE CORRECTLY ENSURING THE PIVOT POINTS OF EACH SLIDING SASH MEETS THE END STOP SIMULTANEOUSLY TOP AND BOTTOM.
6. SILICONE ALL PACKERS INTO POSITION WHEN SATISFIED THAT GLAZING IS CORRECT. THIS WILL STOP PACKERS FROM SLIPPING.
7. SECURE THE PIVOT POST WITH THE CORRECT BAY SCREWS ENSURING THE TOP POST IS UP AT AS FAR AS IT WILL GO, AND THE BOTTOM POST IS DOWN AS FAR AS POSSIBLE ON EACH SASH BEFORE FINALLY FIXING.
8. WHEN FITTING THE GUIDE BLOCK, ENSURE SASH CAN OPEN AND CLOSE WITHOUT INTERFERENCE BEFORE APPLYING FINAL FIXING SCREW.
9. SILICONE SPRAY CAN BE APPLIED TO THE TRACKS TO HELP LUBRICATE PADS FOR SLIDING.
10. FIT FEMALE PARTS OF 'I' BOLTS TO FRAME AND SASHES AFTER ALL ADJUSTMENTS HAVE BEEN COMPLETED.

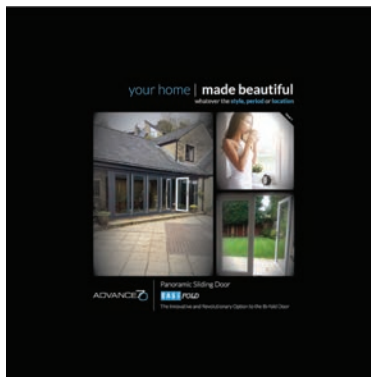


For further information on EASi-FOLD Doors

EASi-FOLD Fabrication Guide



EASi-FOLD Doors Brochure



EASi-FOLD Sales & Technical Information Sheet





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