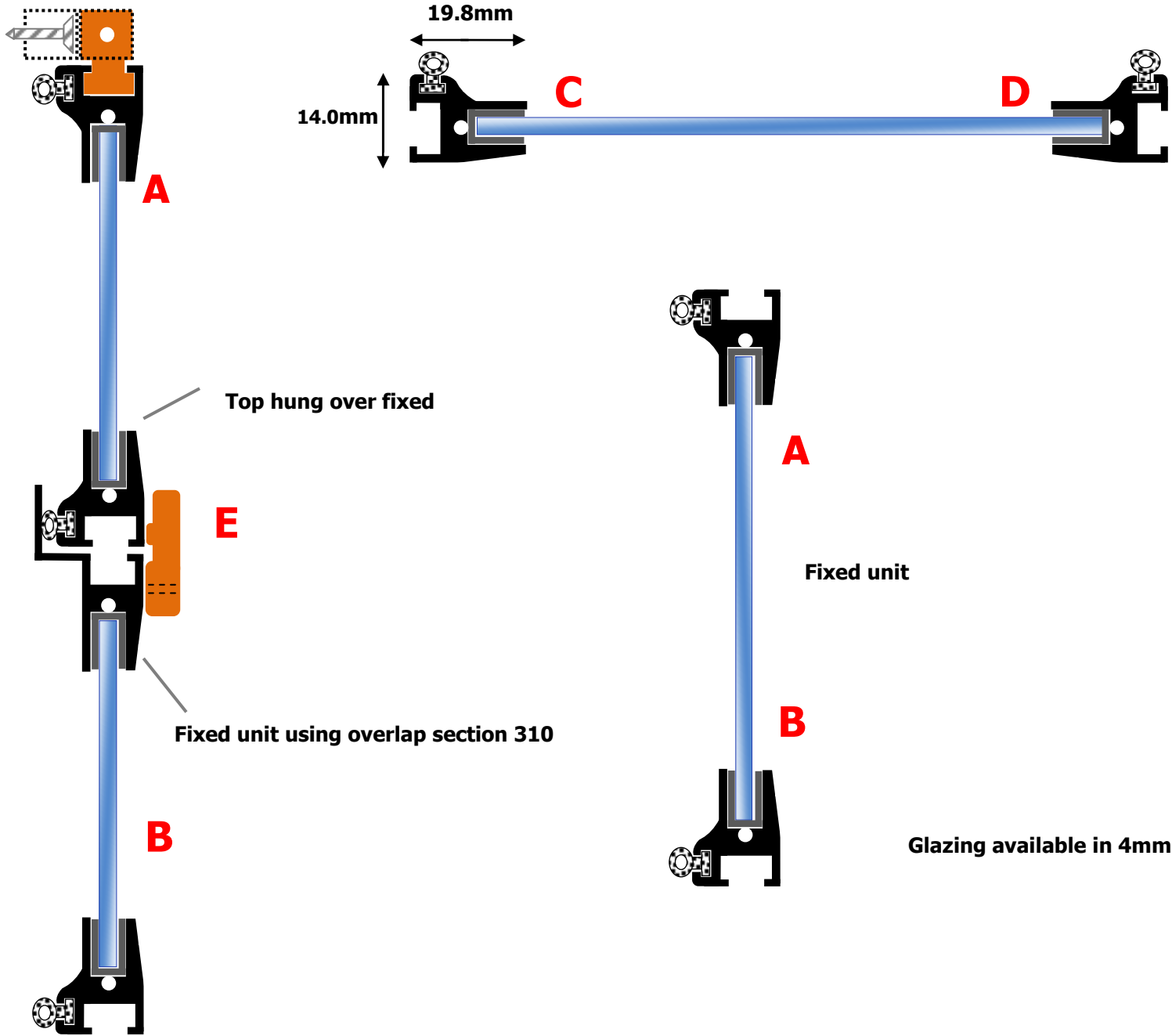
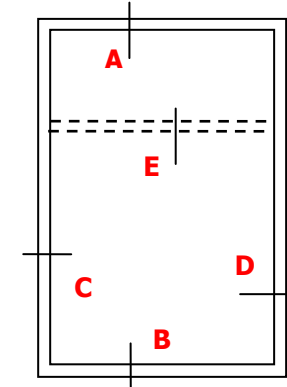


Secondary Glazing Fixed Unit

Frame 301 –Face Fix



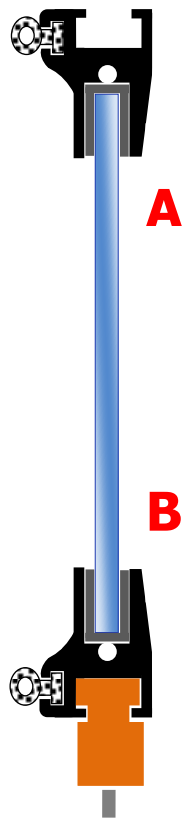
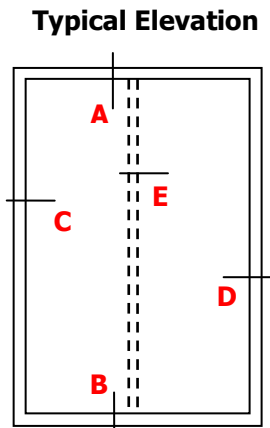
Typical Elevation



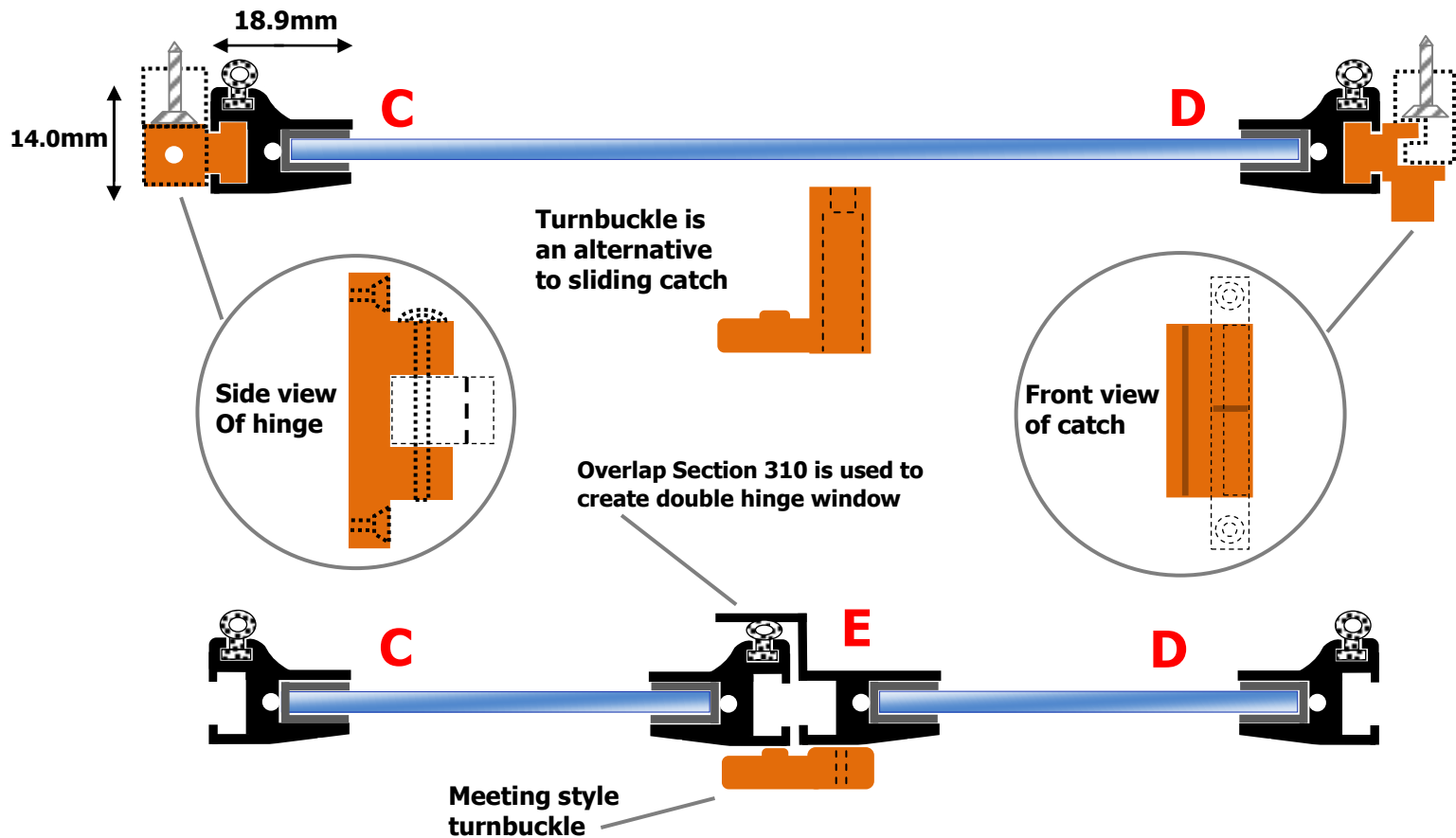
Do not scale 1 to 1

Secondary Glazing Hinged Unit

Outerframe 301 –Face Fix



Stay arm and block



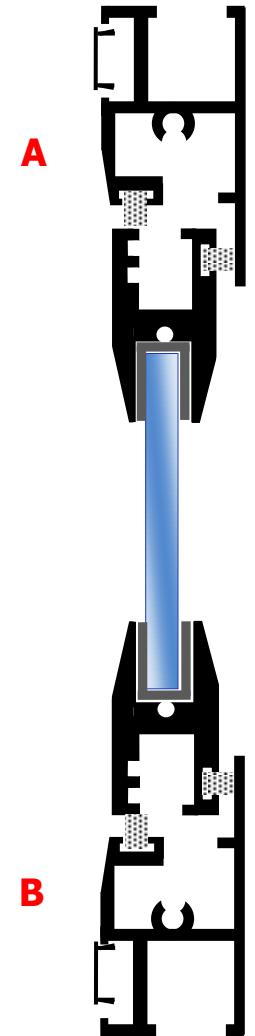
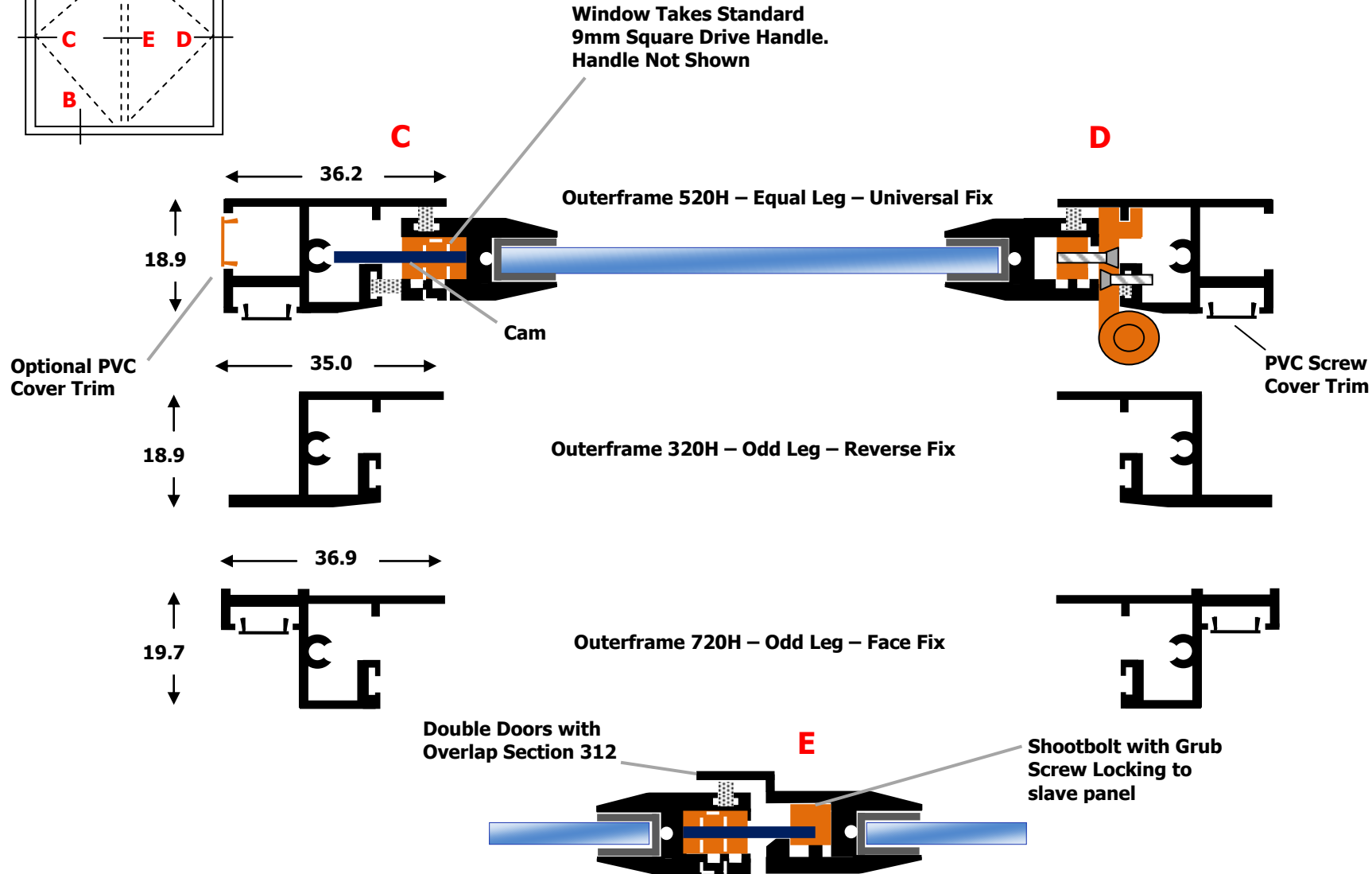
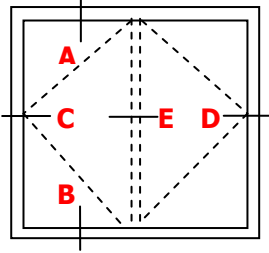
Glazing available in 4mm 6mm and 6.4mm Laminate Glass

Do not scale 1 to 1

Secondary Glazing Framed Hinged

Outerframes 320H, 520H and 720H

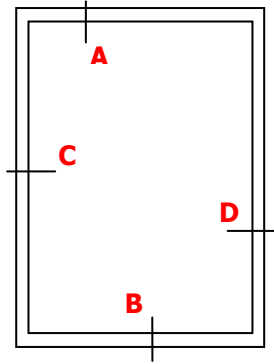
Typical Elevation



Glazing available in 4mm - 6mm and 6.4mm laminate glass

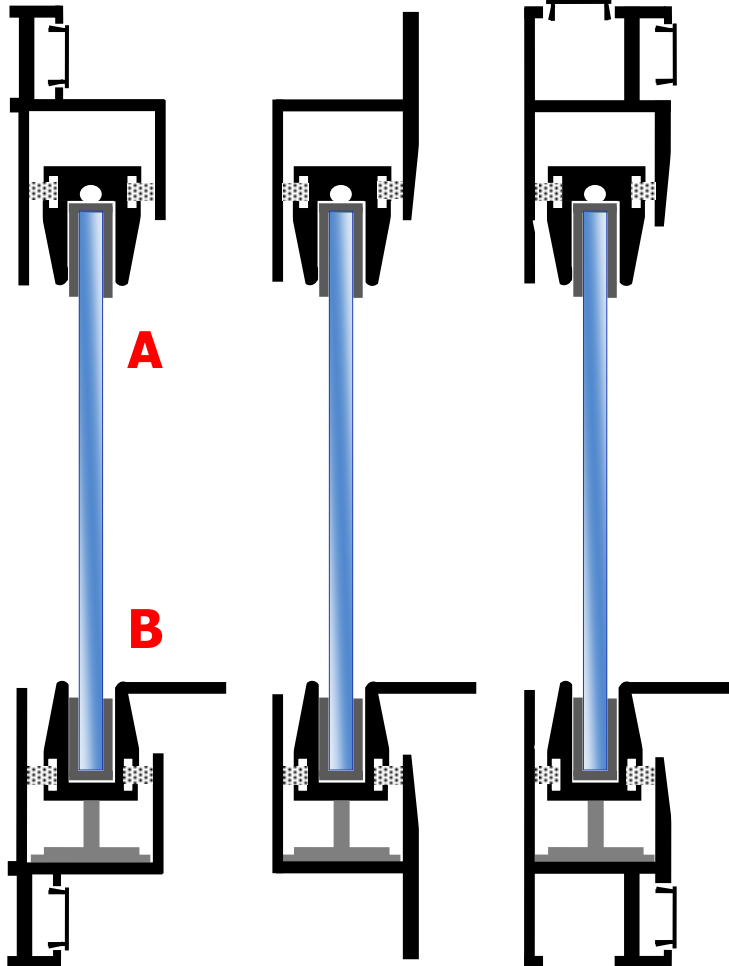
Do not scale 1 to 1

Typical Elevation

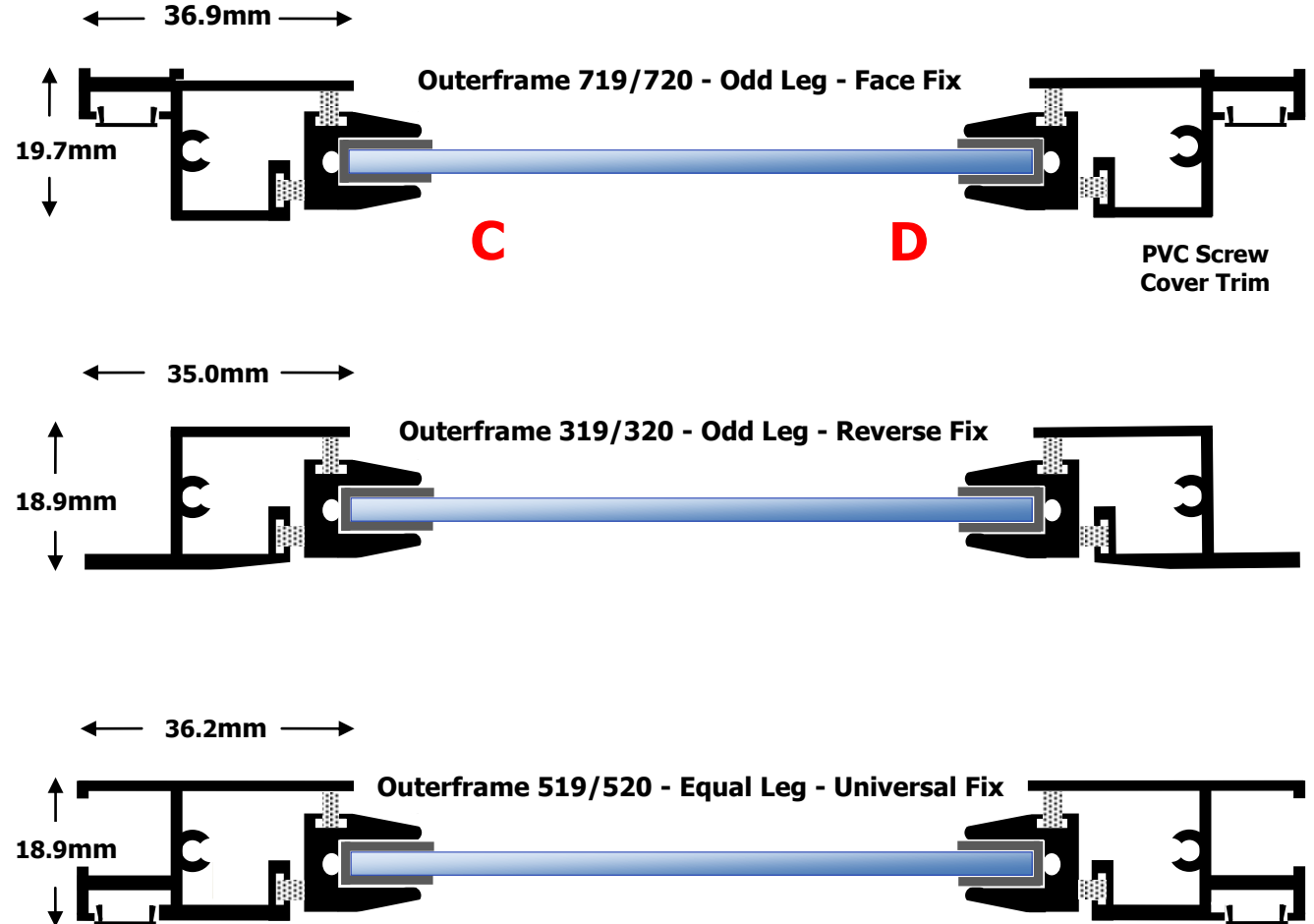


Secondary Glazing Lift Outs

Optional PVC
cover trim



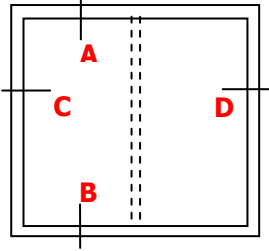
Outer Frames 319, 519 and 719



Glazing available in 4mm - 6mm and 6.4mm laminate glass

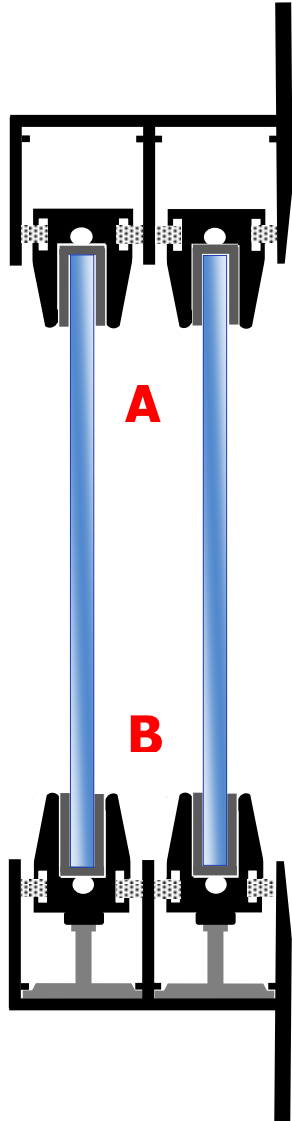
Do not scale: 1 to 1

Typical Elevation



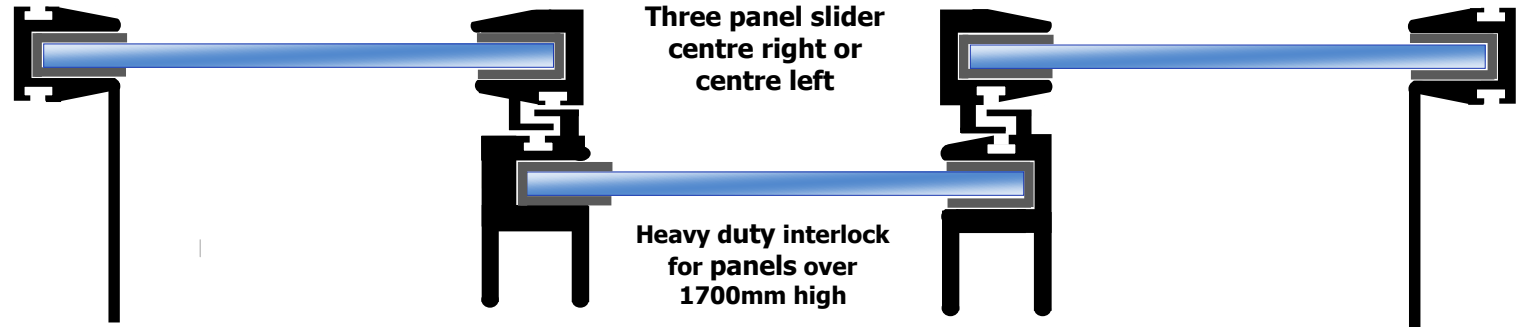
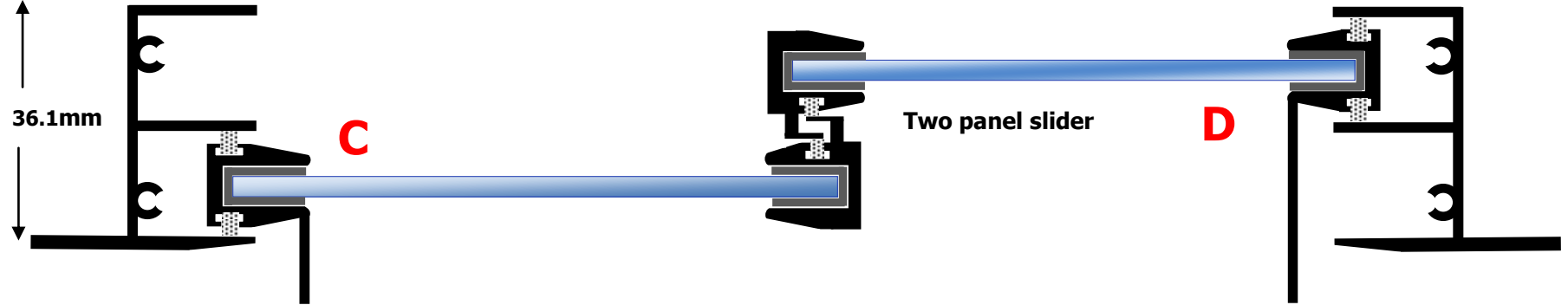
Secondary Glazing Horizontal Sliders 2 to 6 panel configurations

Outerframe 307/308 - Odd Leg - Reverse Fix



34mm

36.1mm

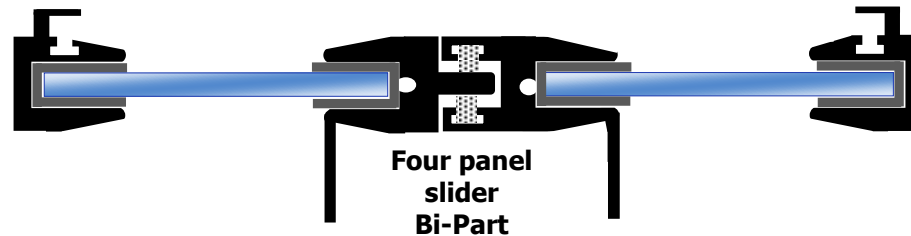


Heavy duty interlock
for panels over
1700mm high

Panels slide on nylon skids
or steel rollers



Glazing available in 4mm - 6mm and 6.4mm laminate glass



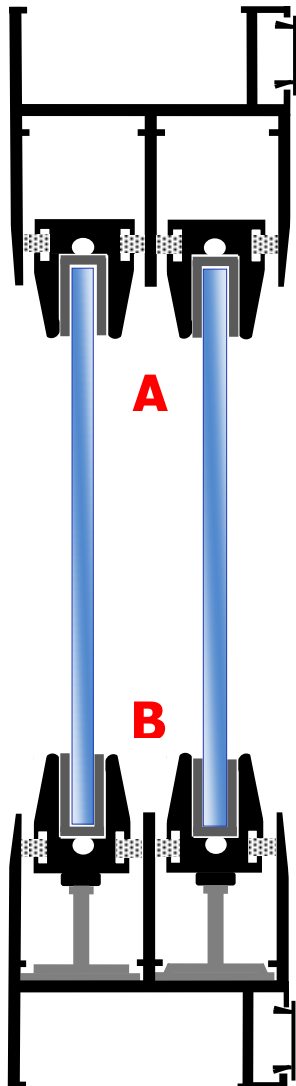
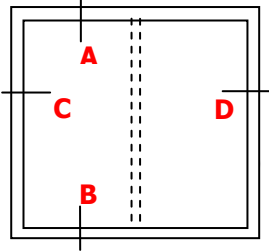
Do not scale 1 to 1

SDG Sheet No 4

Secondary Glazing Horizontal Sliders 2 to 6 panel configurations

Outerframe 507/508 - Equal Leg - Universal Fix

Typical Elevation



36.7mm
36.0mm

PVC screw
cover trim

Panel buffer

C

D

2 Panel slider

Optional aluminium trim

3 Panel slider
centre fixed

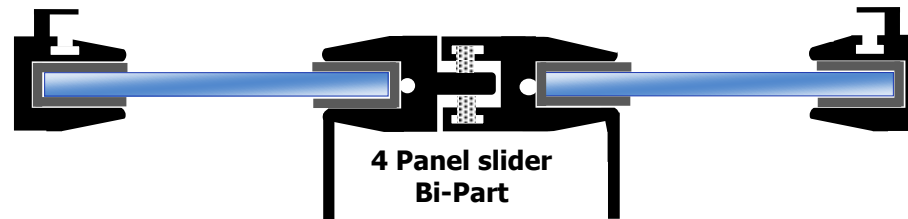
3 Panel slider
centre right or
centre left

Heavy duty
interlocks for panels
over 1700mm high

Panels slide on nylon skids
or steel rollers



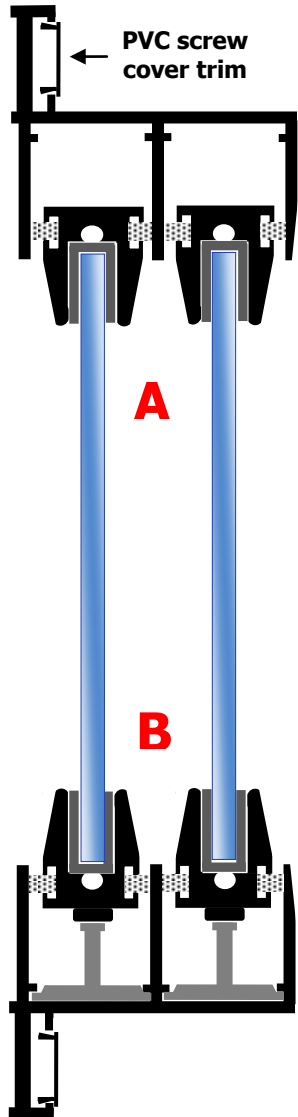
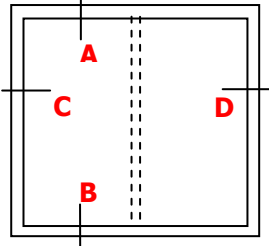
Glazing available in 4mm - 6mm and 6.4mm laminate glass



Do not scale 1 to 1

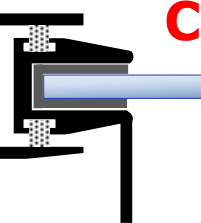
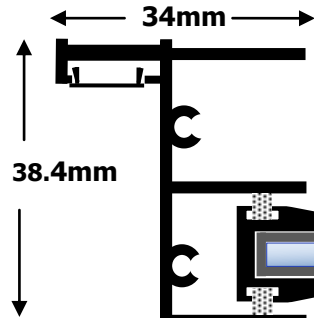
SDG Sheet No 5

Typical Elevation

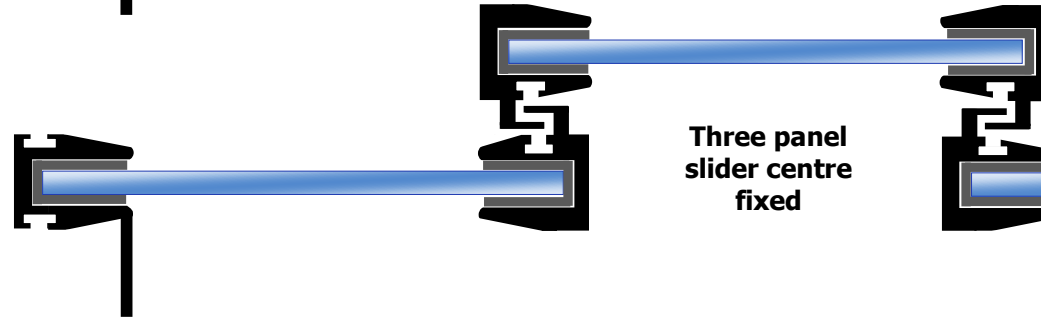


Secondary Glazing Horizontal Sliders 2 to 6 panel configurations

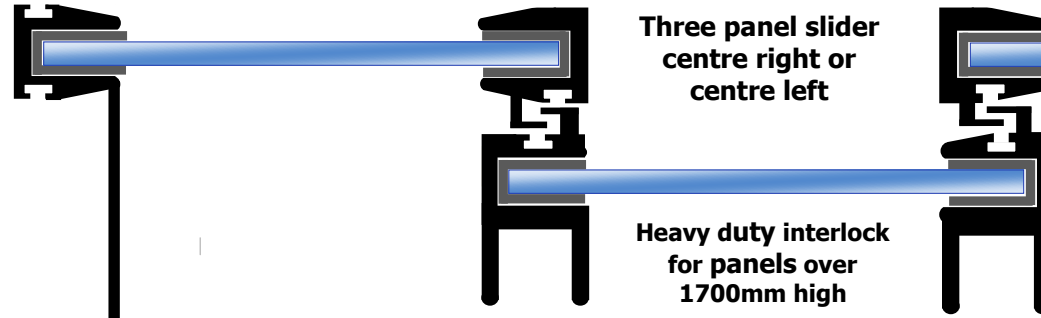
Outerframe 707/708 - Odd Leg - Face Fix



Two panel slider



Three panel
slider centre
fixed



Three panel slider
centre right or
centre left

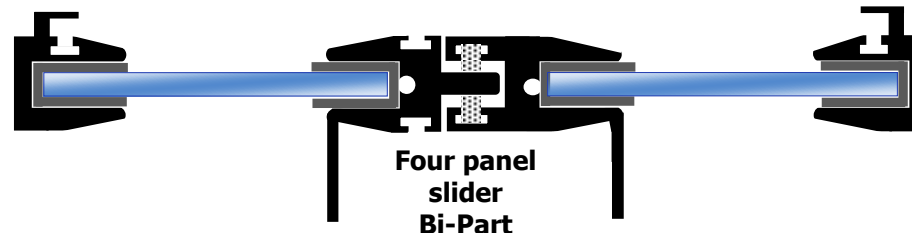
Heavy duty interlock
for panels over
1700mm high

Panels slide on nylon skids

Or steel rollers



Glazing available in 4mm - 6mm and 6.4mm laminate glass

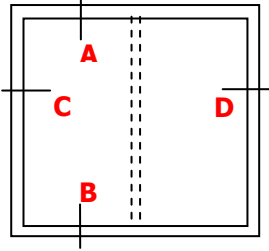


Four panel
slider
Bi-Part

Do not scale 1 to 1

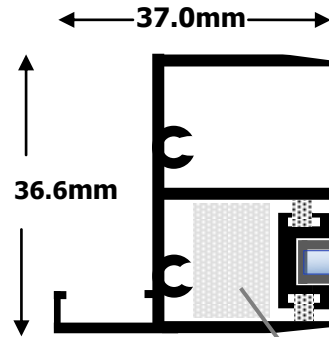
SDG Sheet No 6

Typical Elevation



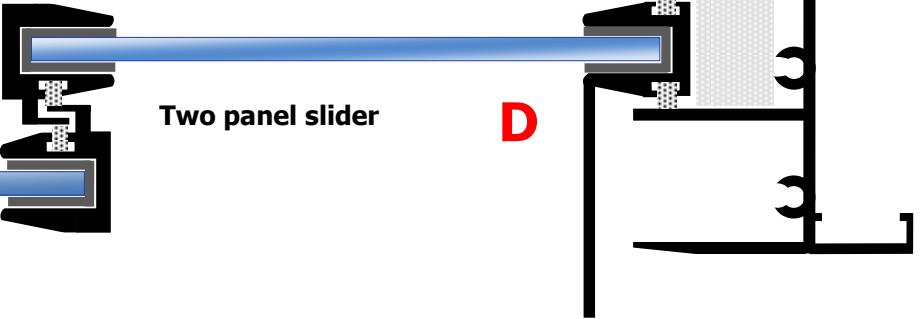
Secondary Glazing Horizontal Sliders 2 to 6 panel configurations

Outerframe 807/808 - Odd Leg - Reverse Fix

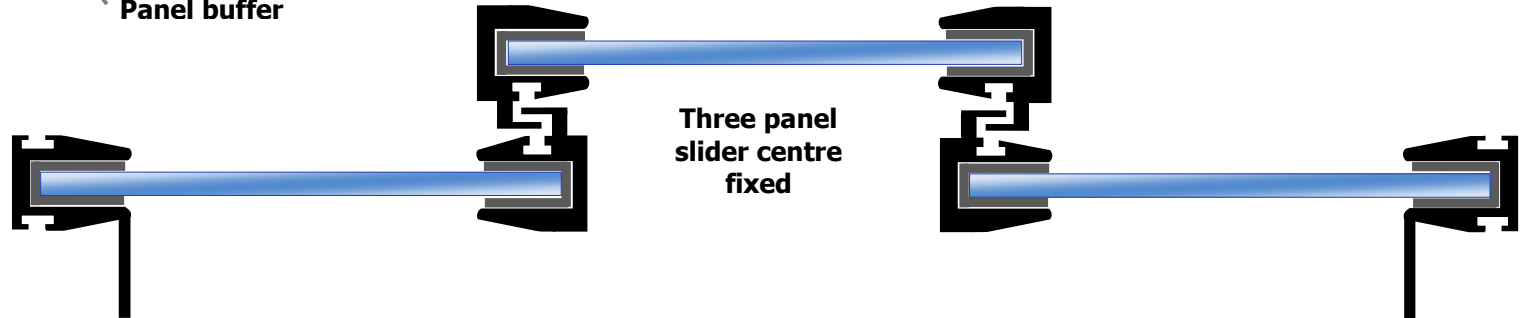


Panel buffer

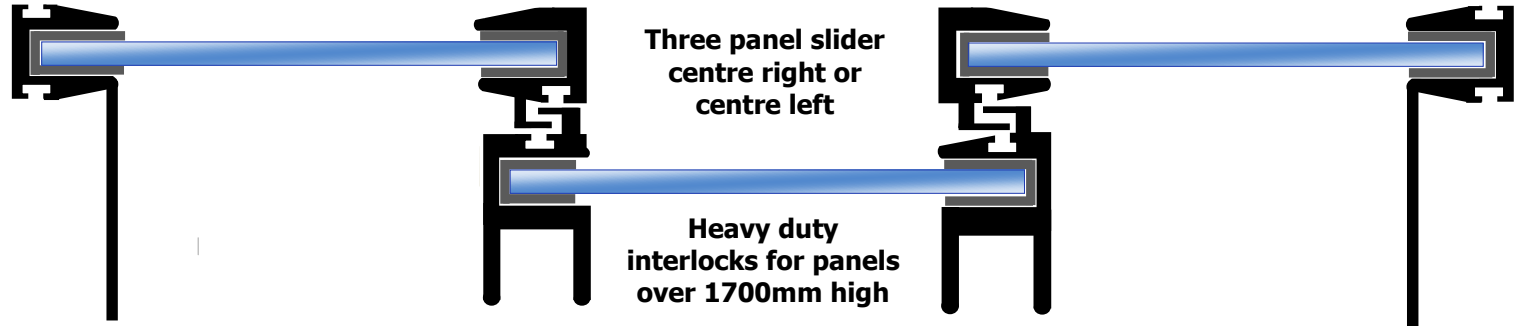
Two panel slider



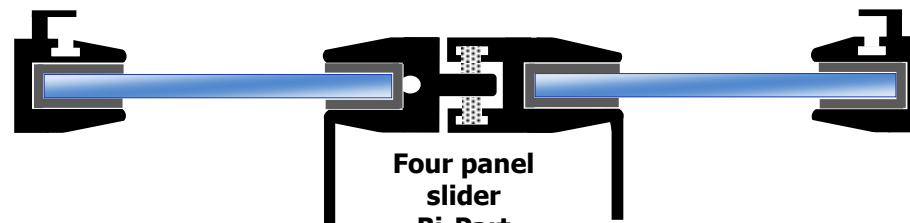
Three panel slider centre fixed



Three panel slider centre right or centre left



Heavy duty interlocks for panels over 1700mm high



Four panel slider Bi-Part

Panels slide on nylon skids
or steel rollers



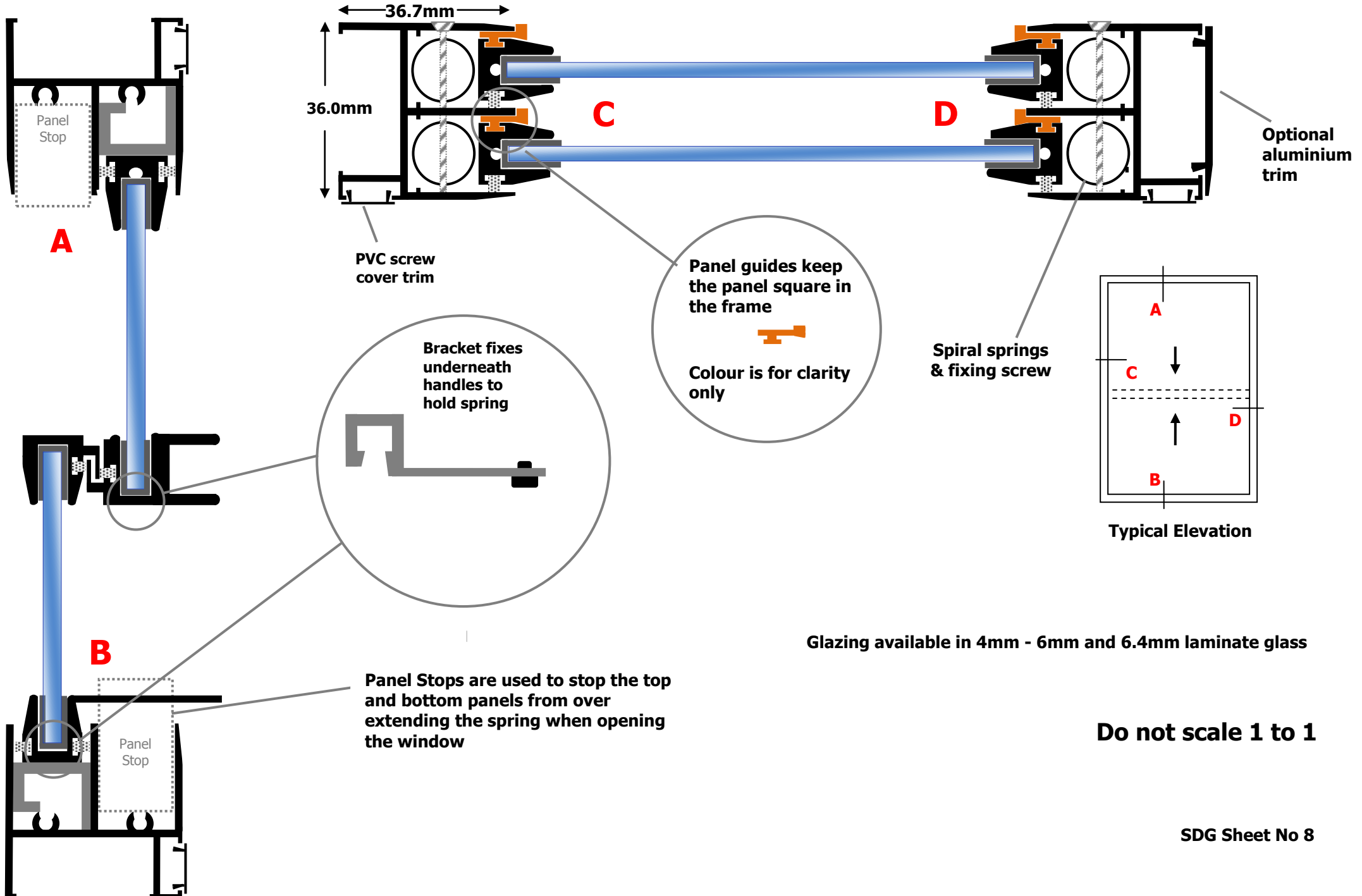
Glazing available in 4mm - 6mm and 6.4mm laminate glass

Do not scale 1 to 1

SDG Sheet No 7

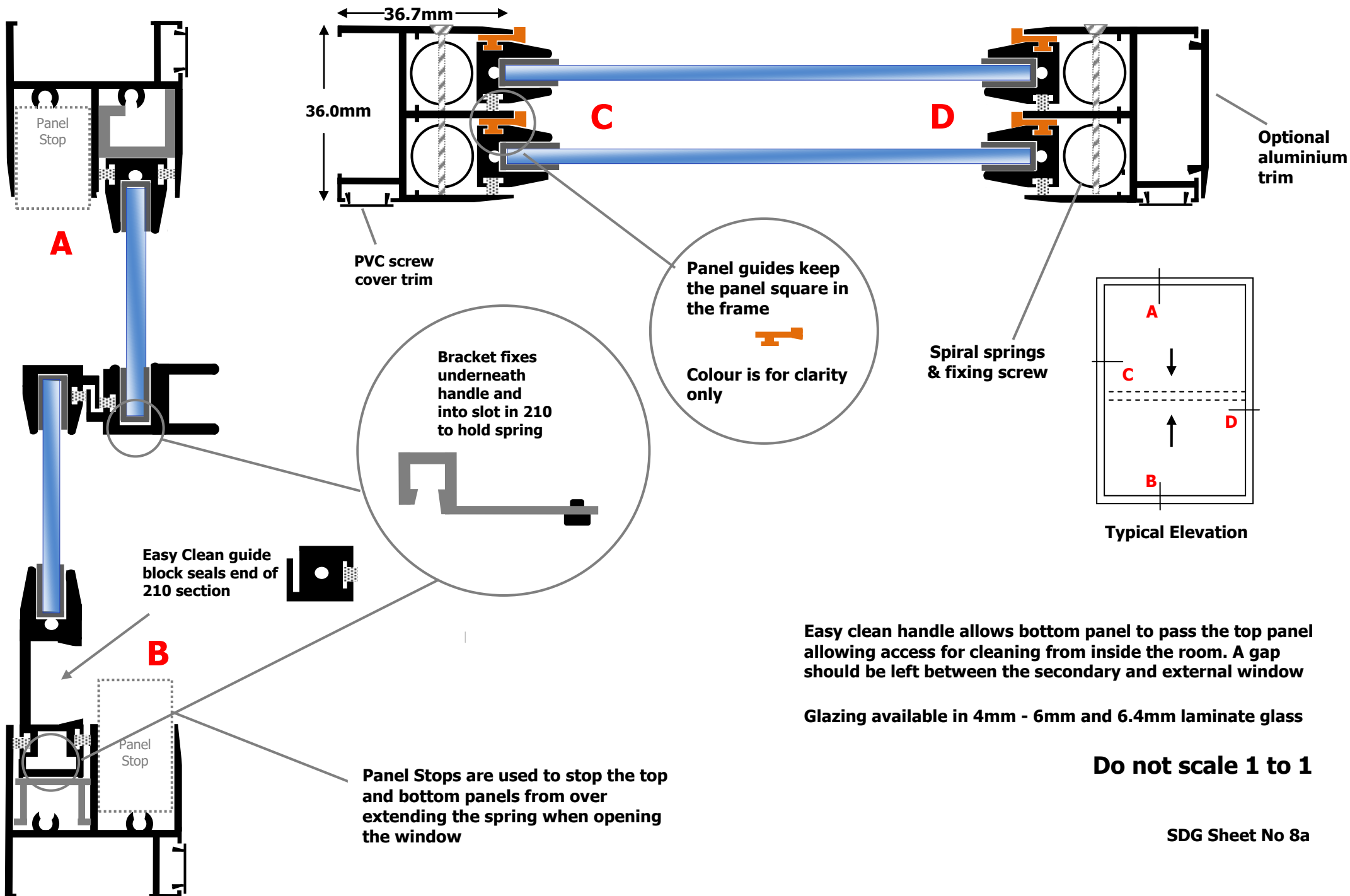
Secondary Glazing Counterbalanced Vertical Slider

Outerframe 507/508 - Equal Leg - Universal Fix



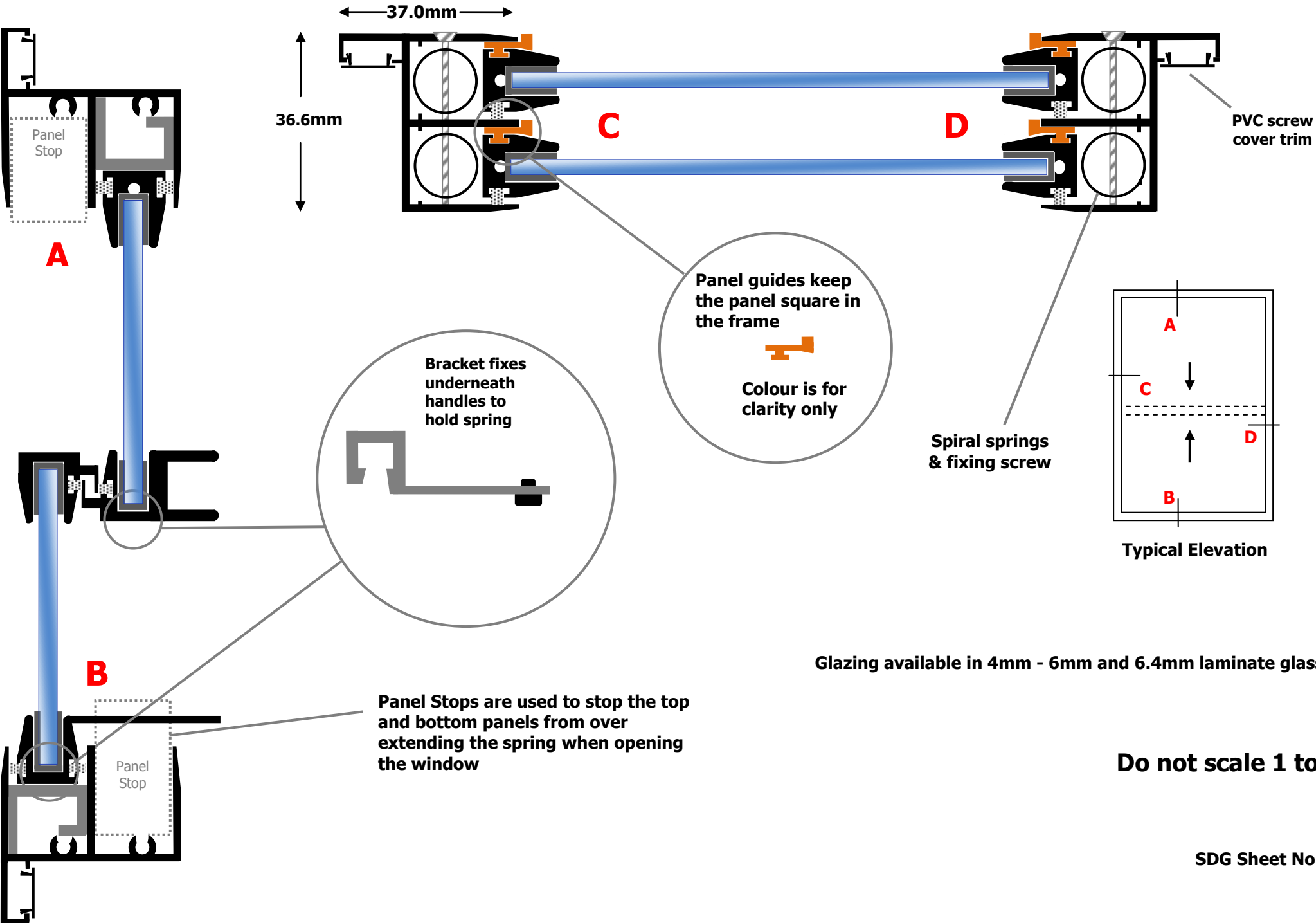
Easy Clean Secondary Glazing Spring Counterbalanced Vertical Slider

Outerframe 507/508 - Equal Leg - Universal Fix



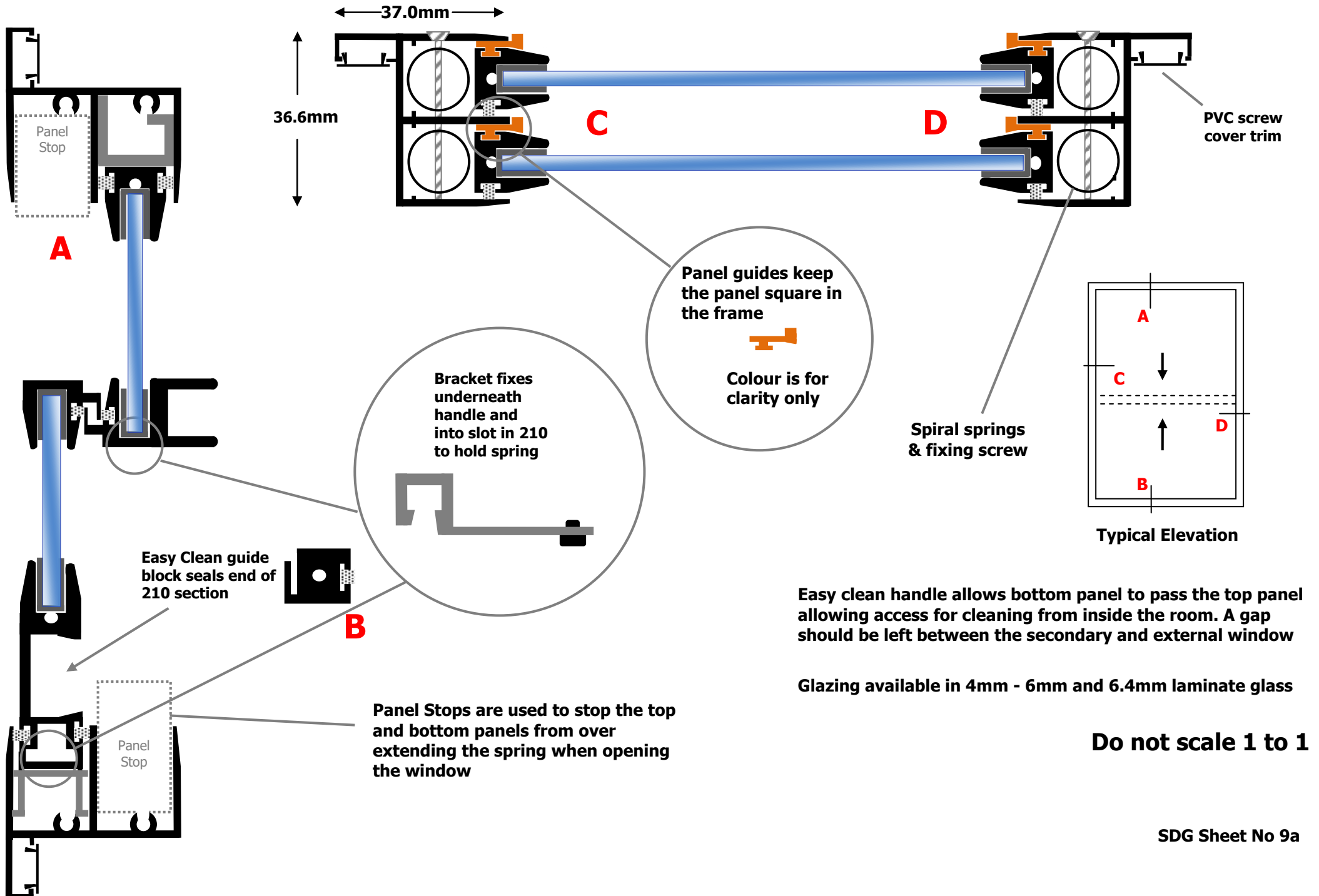
Secondary Glazing Counterbalanced Vertical Slider

Outerframe 807/808 - Odd Leg - Face Fix



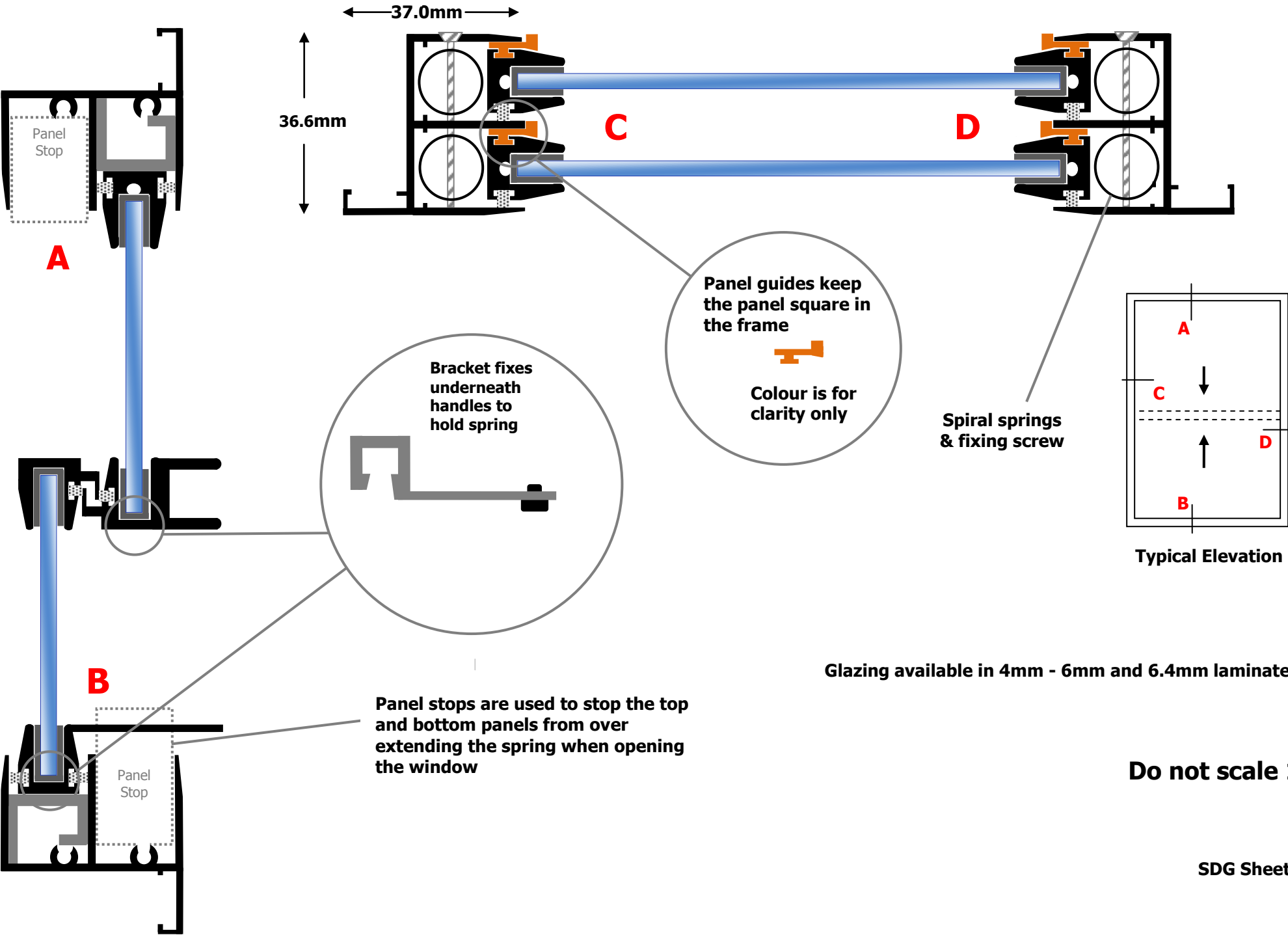
Secondary Glazing Easy Clean Spring Counterbalanced Vertical Slider

Outerframe 807/808 - Odd Leg - Face Fix



Secondary Glazing Counterbalanced Vertical Slider

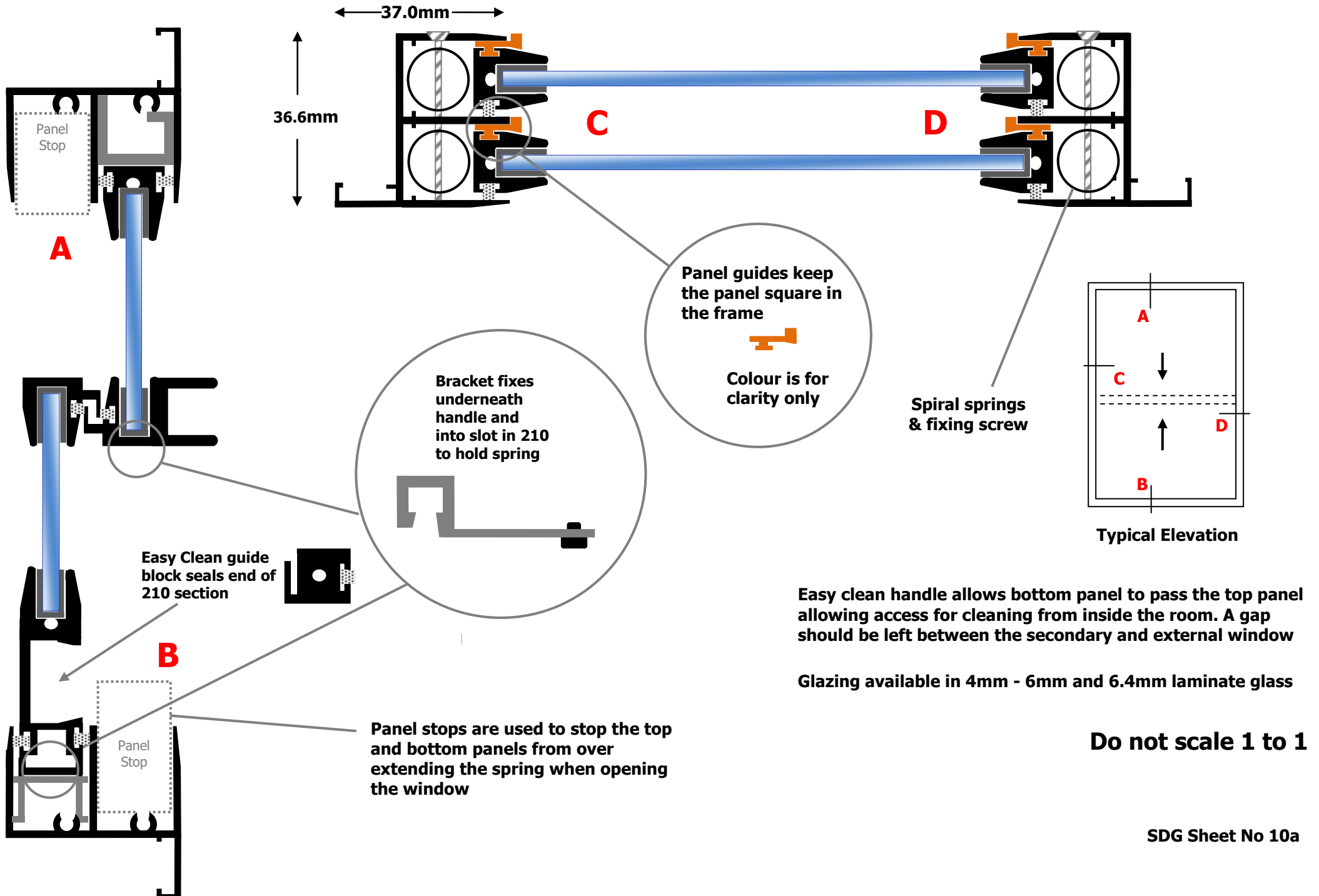
Outerframe 807/808 - Odd Leg - Reverse Fix



Do not scale 1 to 1

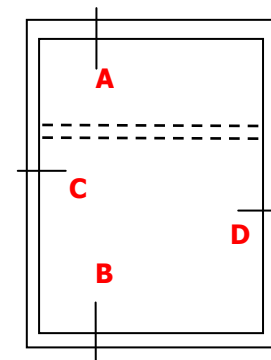
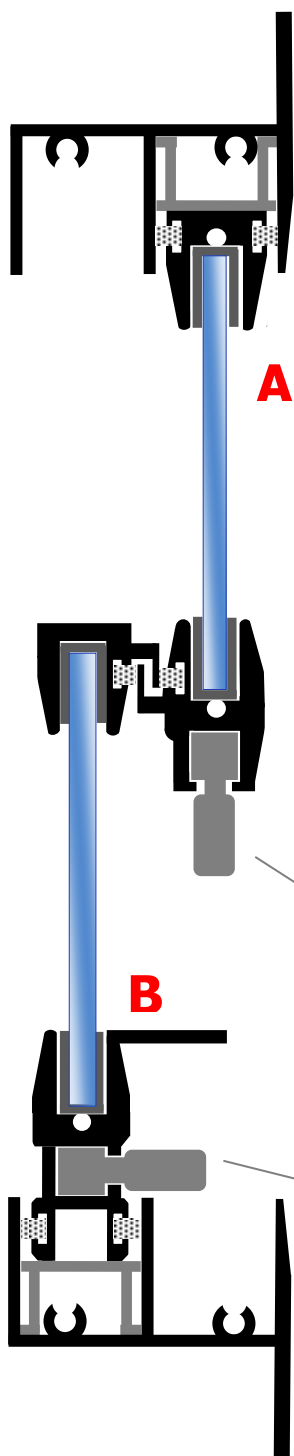
Secondary Glazing Easy Clean Spring balanced Vertical Slider

Outerframe 807/808 - Odd Leg – Reverse Fix



Secondary Glazing Friction Vertical Sliders

Outerframe 307/308 - Odd Leg - Reverse Fix



Typical Elevation



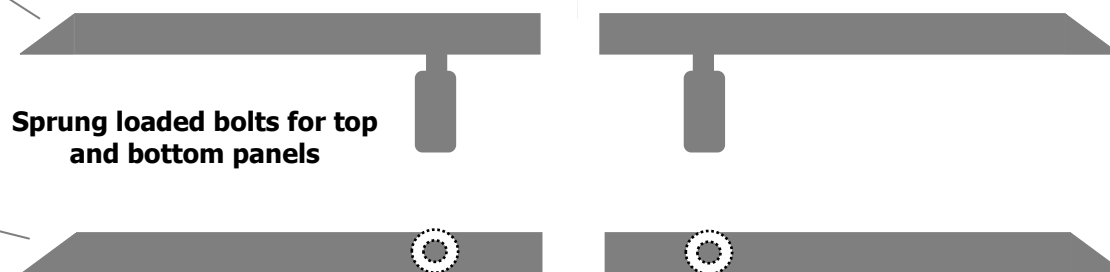
Four leaf springs fitted on left hand side allow panels to be removed

To operate friction sliders the user pulls the two sprung loaded bolts located each side in towards the centre. When the window nears its desired opening the bolts should be released and the bolts will locate in pre-punched holes in the outer frame plastics.

The whole weight of the panel is in the user's hands when opening and closing the window, therefore the overall window size is restricted to dimensions shown below.

800 Wide x 900 High 3.6Kgs per panel

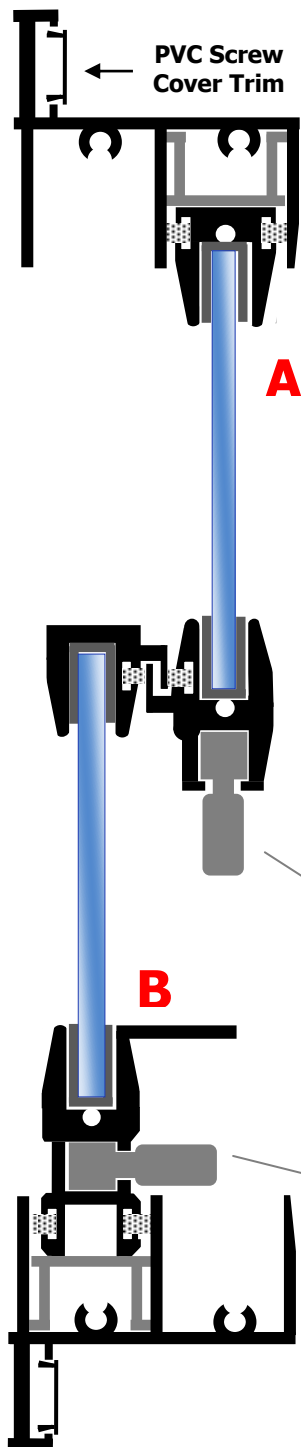
A maximum thickness of 4mm glass only.



Glazing available in 4mm

Do not scale 1 to 1

SDG Sheet No 11



Secondary Glazing Friction Vertical Sliders

Outerframe 707/708 - Odd Leg - Face Fix



Four leaf springs fitted on left hand side allow panels to be removed

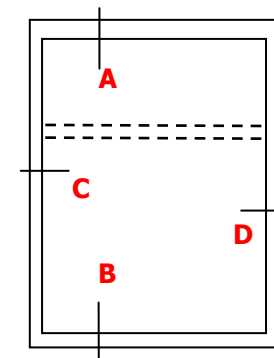
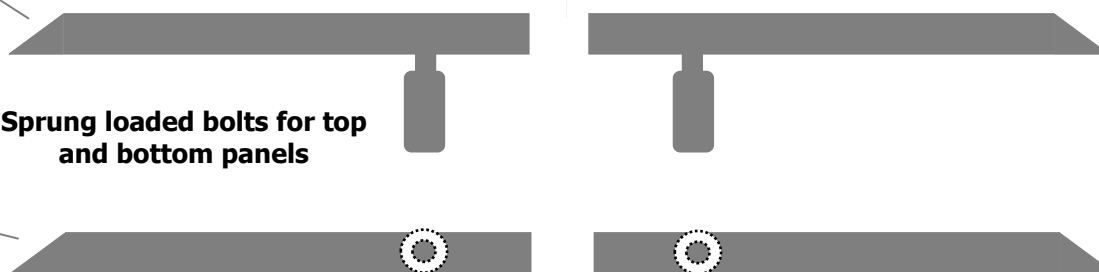
To operate friction sliders the user pulls the two sprung loaded bolts located each side in towards the centre. When the window nears its desired opening the bolts should be released and the bolts will locate in pre-punched holes in the outer frame plastics.

The whole weight of the panel is in the user's hands when opening and closing the window, therefore the overall window size is restricted to dimensions shown below.

800 Wide x 900 High 3.6Kgs per panel

A maximum thickness of 4mm glass only

Sprung loaded bolts for top and bottom panels



Typical Elevation

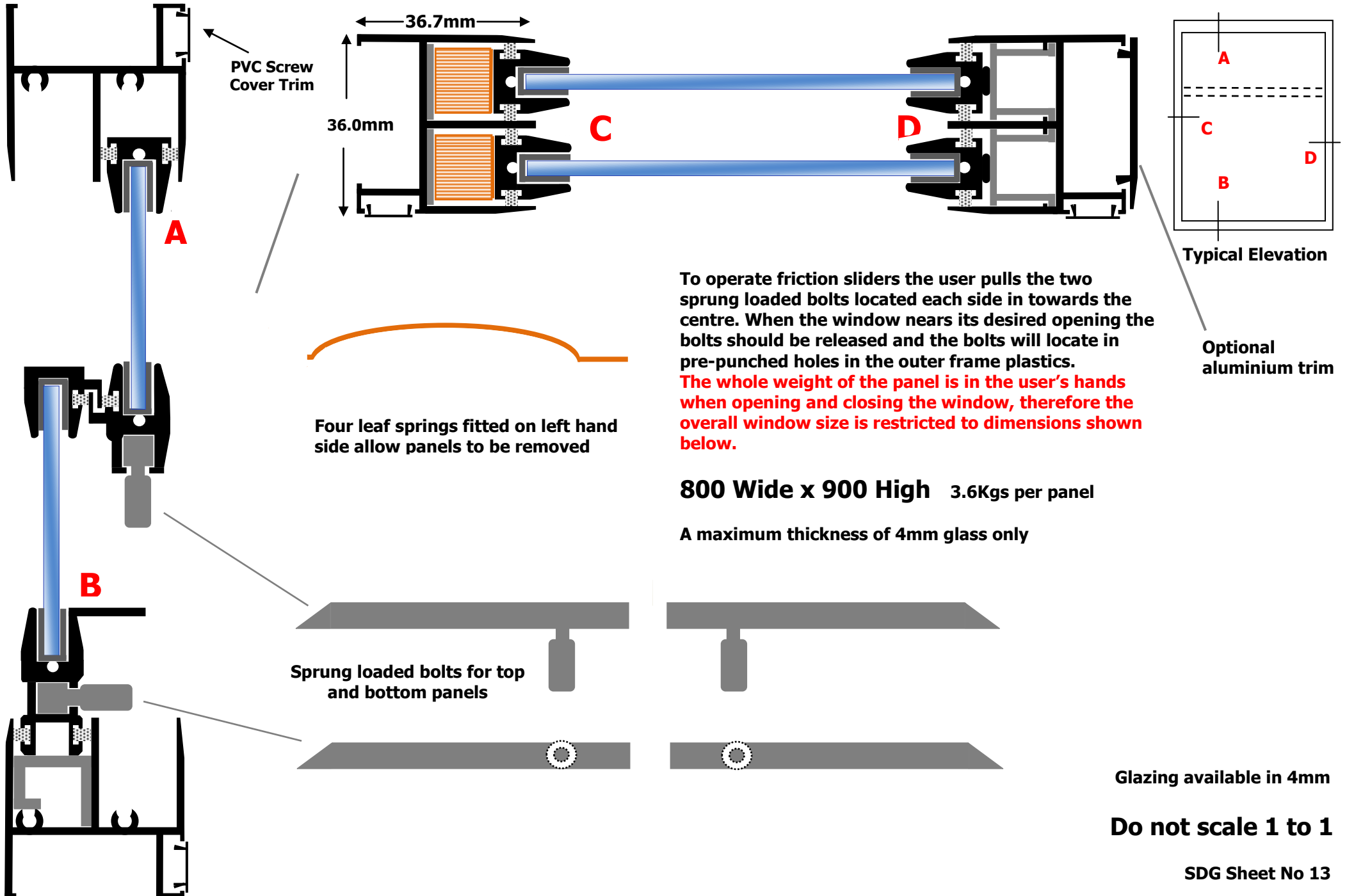
Glazing available in 4mm

Do not scale 1 to 1

SDG Sheet No 12

Secondary Glazing Friction Vertical Sliders

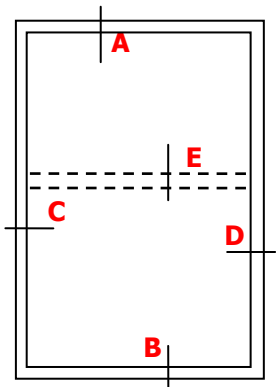
Outerframe 507/508 - Equal Leg - Universal Fix



Secondary Glazing Tilt to Clean Counterbalanced Vertical Slider

Sheet 1 of 2

Outer Frame 908 Universal Fix

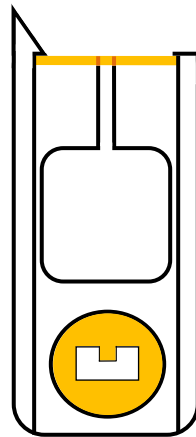


Typical Elevation

Tilt latch with grub screw locking designed to stop the accidental tilting of the panel by children and hotel guests for example.



Pivot shoe

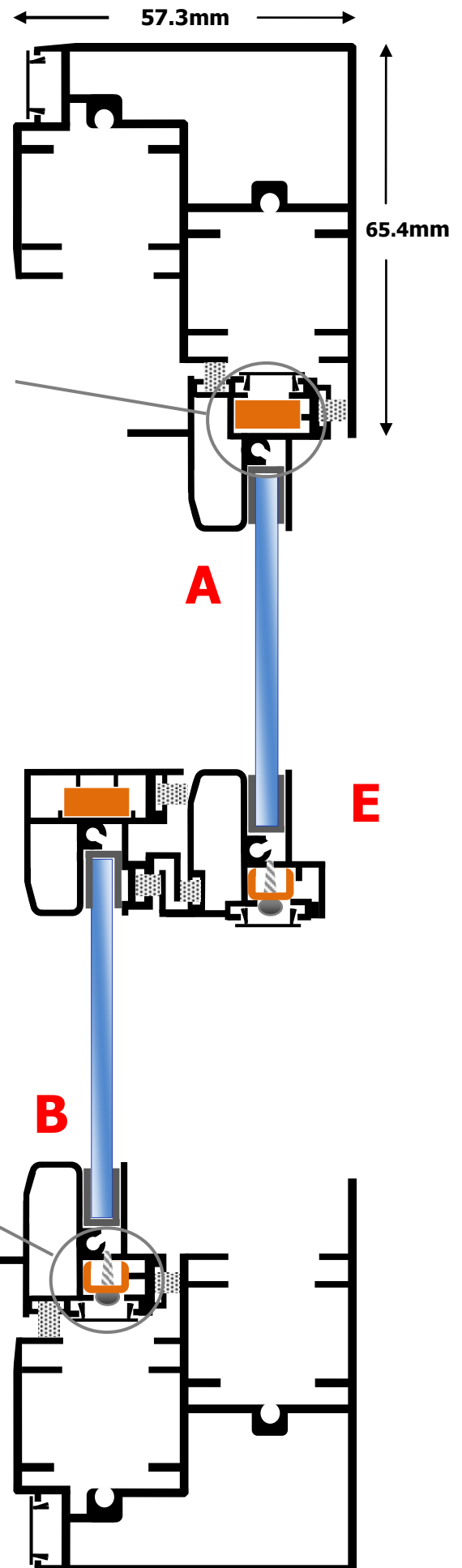


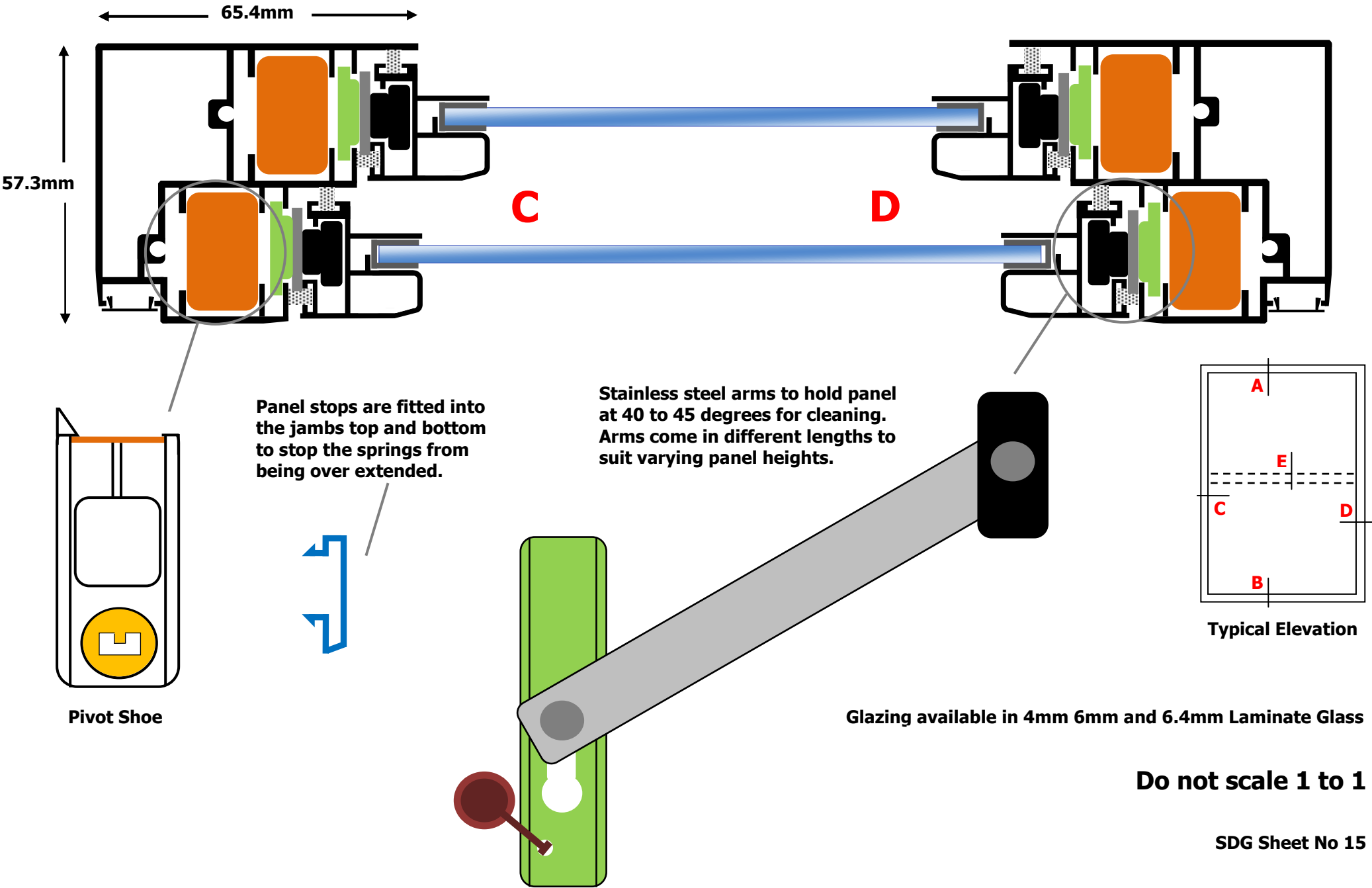
The pivot bar is inserted into the pivot shoe shown above. This allows the panel to tilt in.



Glazing available in 4mm 6mm and 6.4mm Laminate Glass

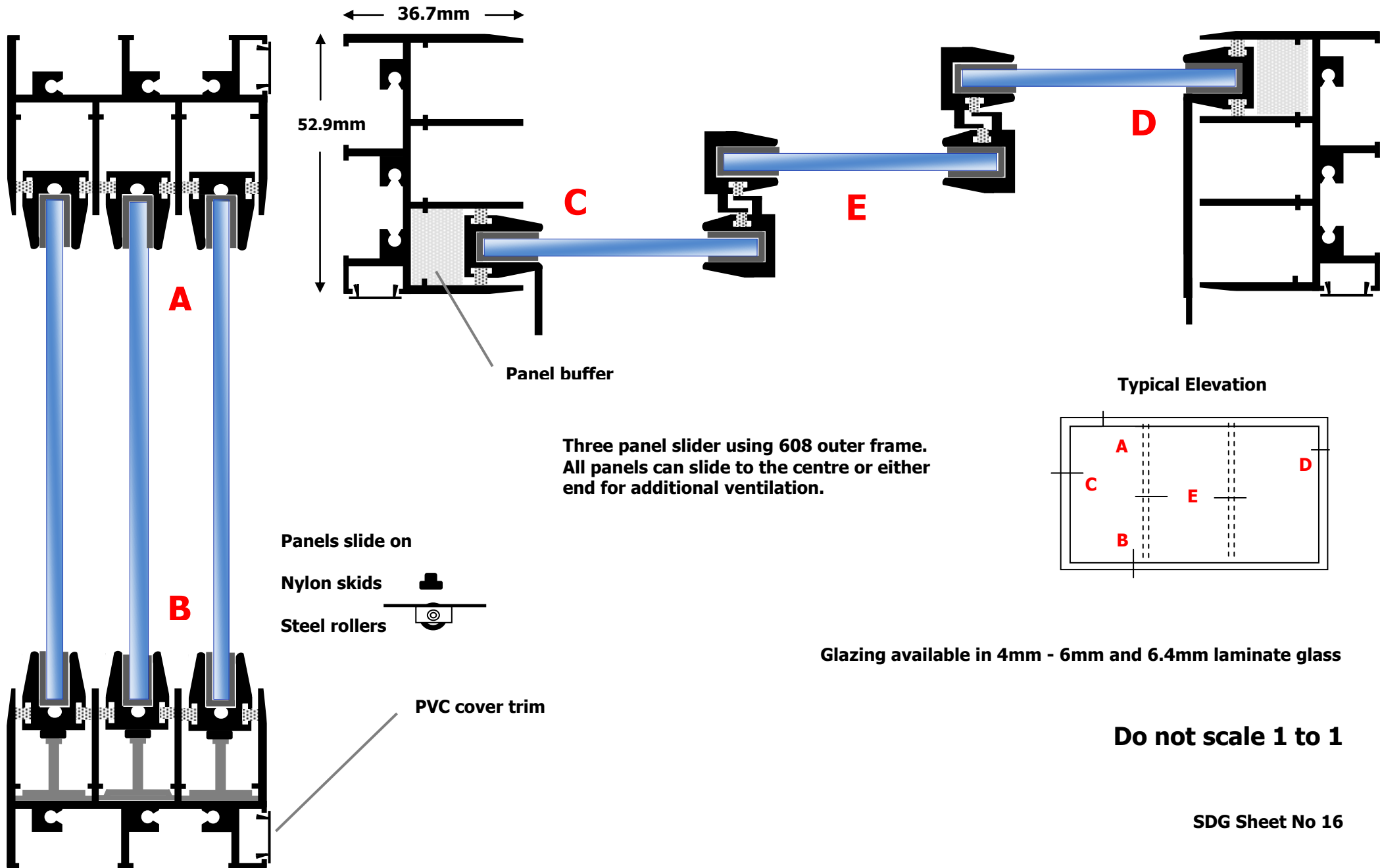
Do not scale 1 to 1





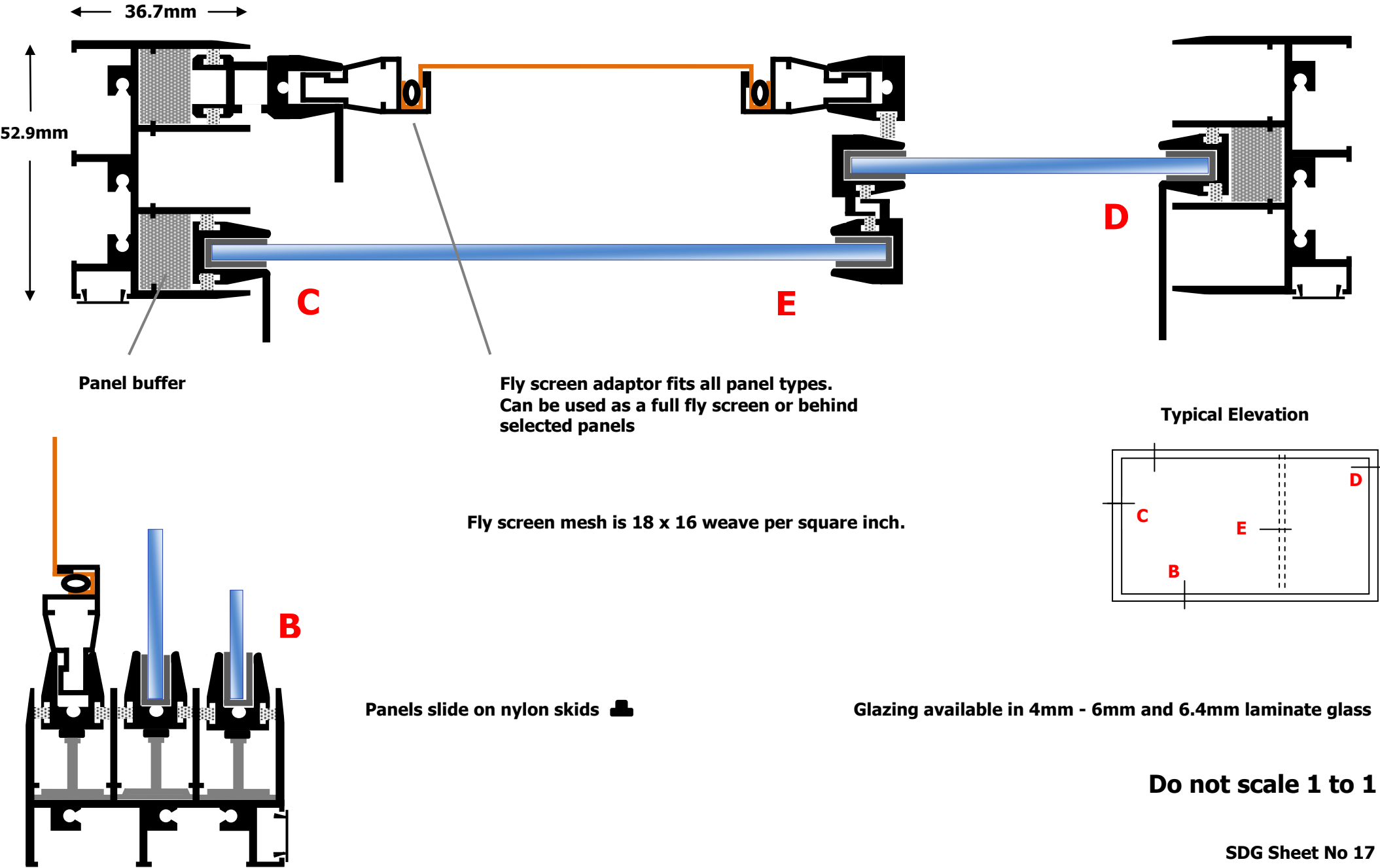
Secondary Glazing Horizontal Slider Triple Track

Outerframe 608/608 - Equal Leg - Universal Fix

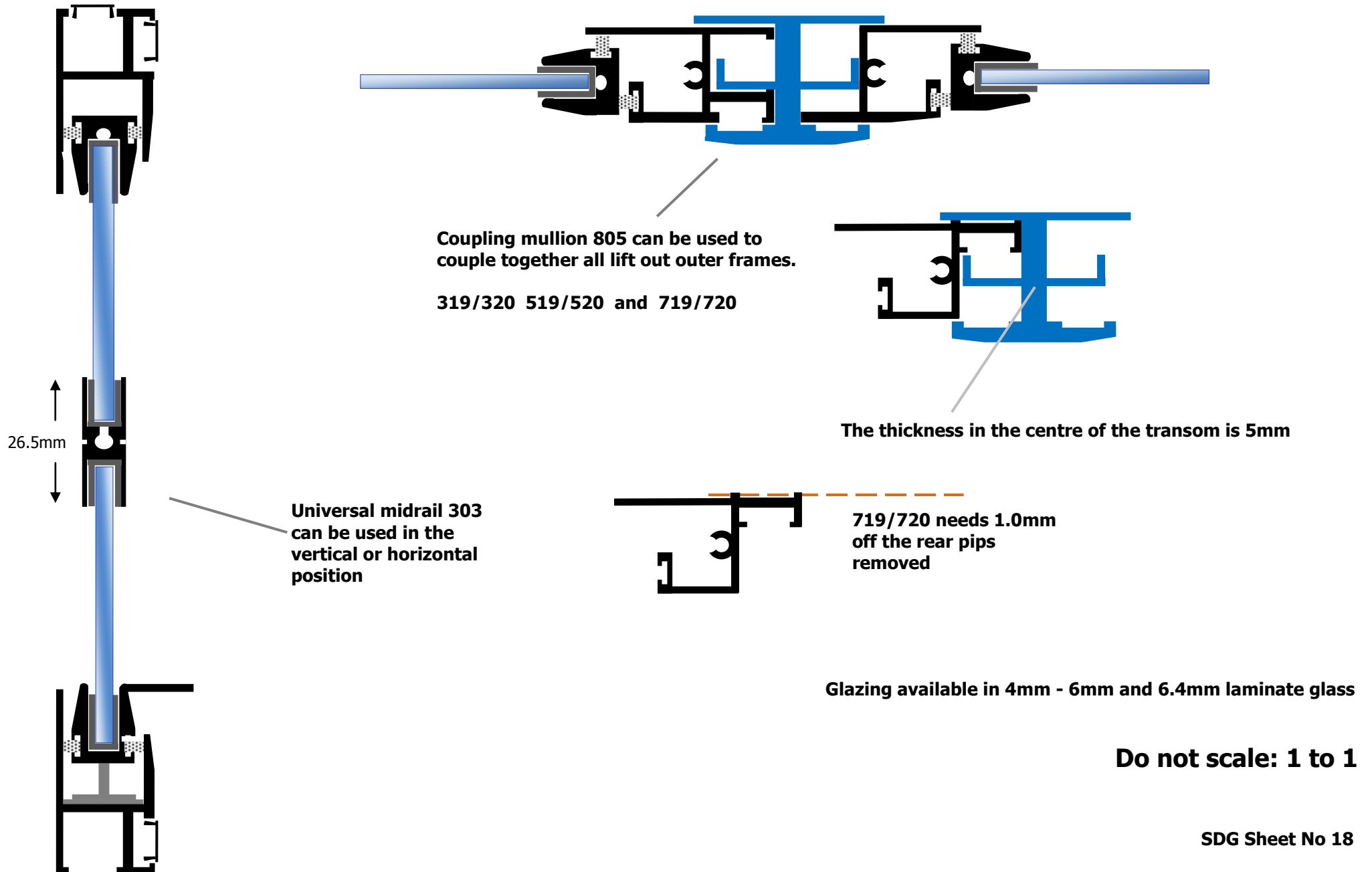


Secondary Glazing Horizontal Slider with Fly Screen

Outerframe 608/608 - Equal Leg - Universal Fix



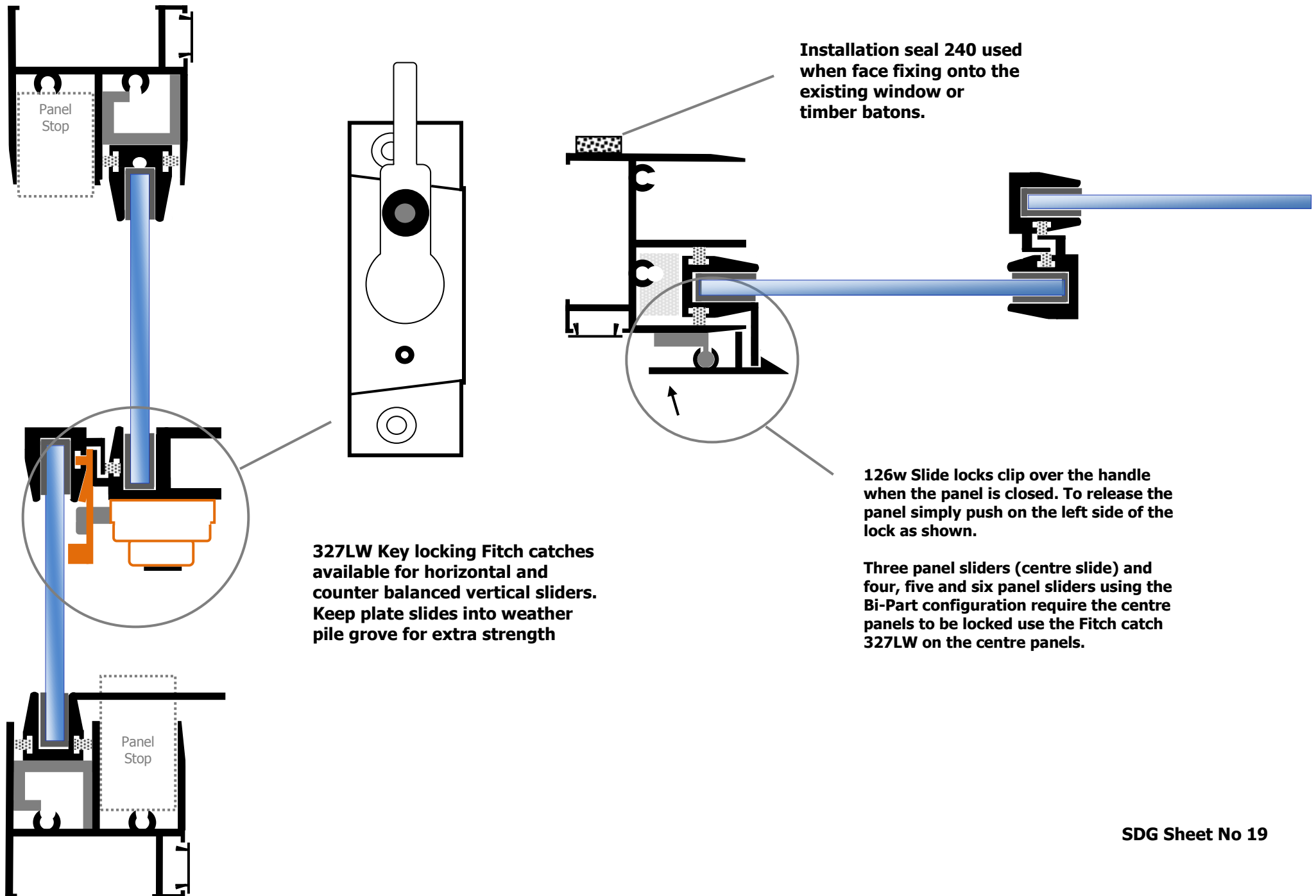
Secondary Glazing Additional Extrusions 303 and 805

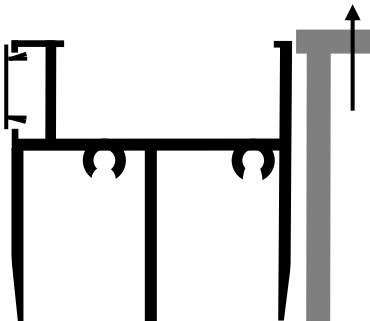
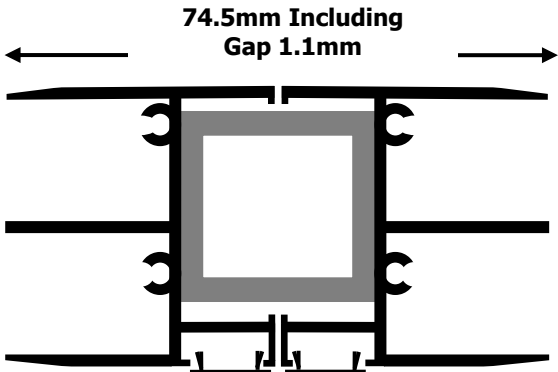
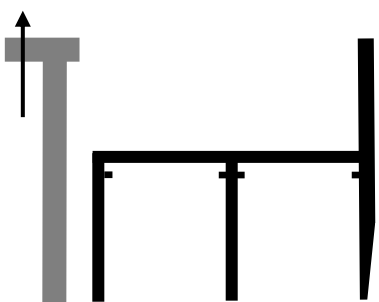


Do not scale: 1 to 1

Secondary Glazing Horizontal and Vertical Slider Locks and Insulation Seal

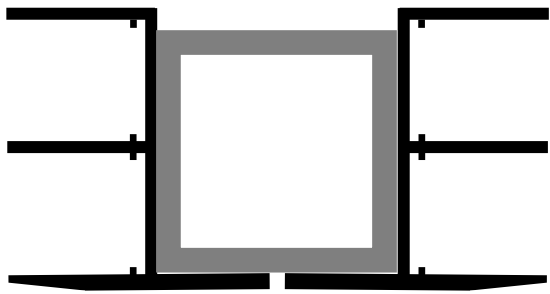
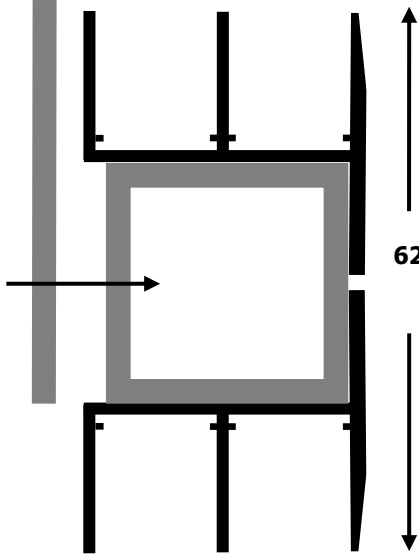
Slide locks fit all outerframes



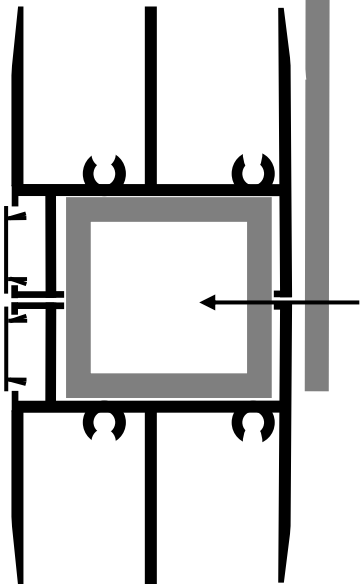


When coupling wide horizontal sliding secondary's together additional strapping as shown may be needed to support the coupling. This can be fitted in line with the secondary glazing mullions.

Coupling mullion for 507/508 equal leg outer frame.



Coupling mullion for 307/308 odd leg outer frame.



Do not scale 1 to 1

Secondary Glazing

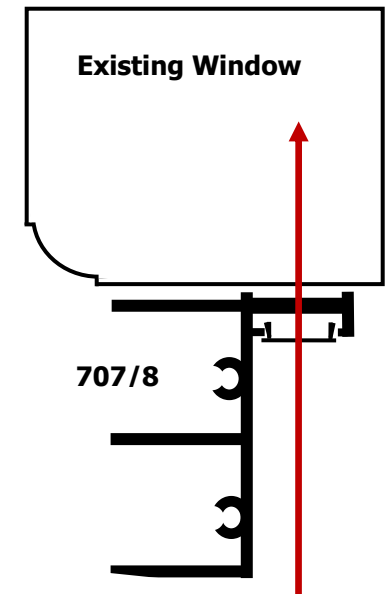
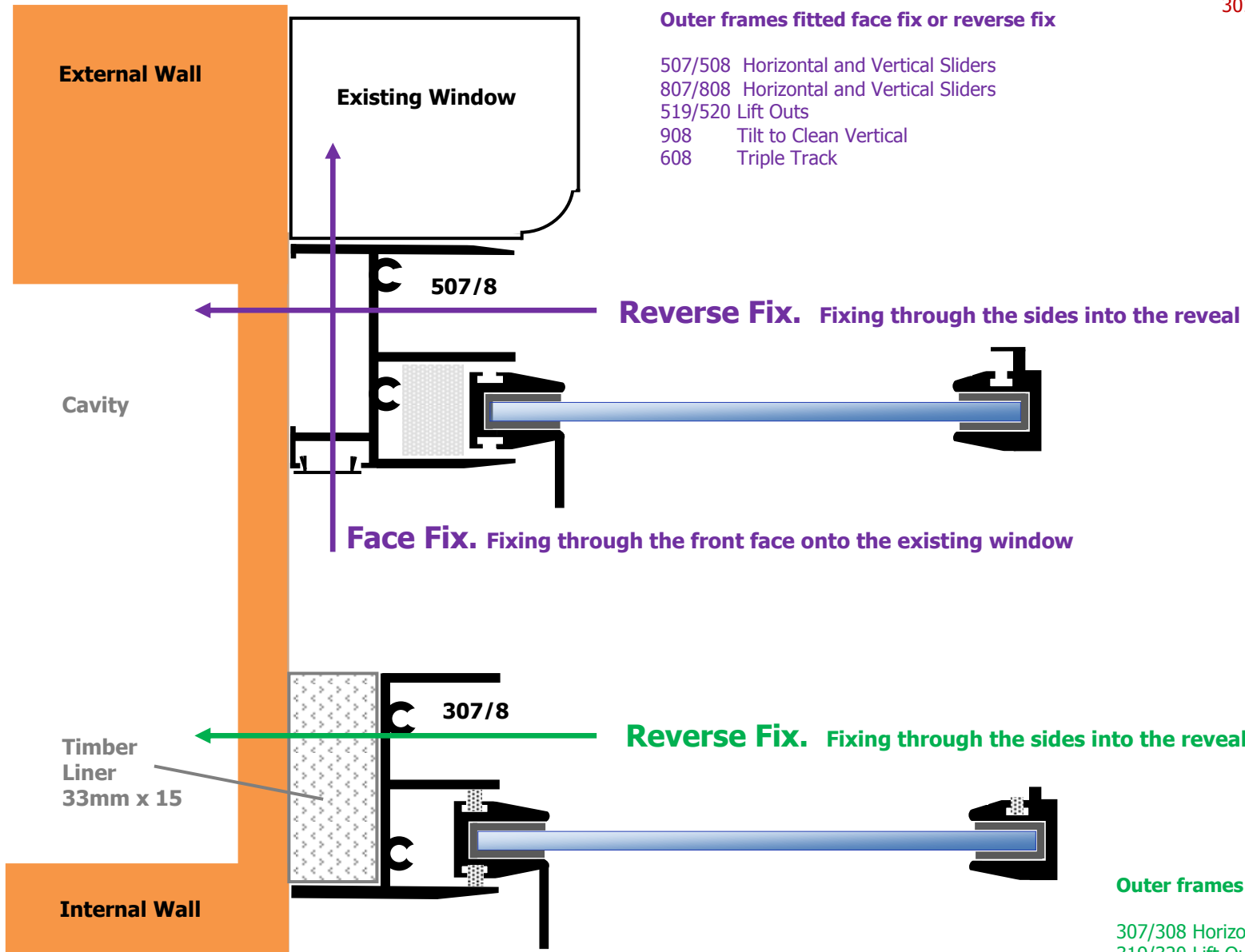
Explanation of Reverse Fix and Face Fix

Outer frames fitted face fixed

707/708 Horizontal and Fiction Vertical Sliders

719/720 Lift Outs

301 Hinged and Fixed Units



Face Fix. Fixing through the front face into the existing window or onto a timber liner

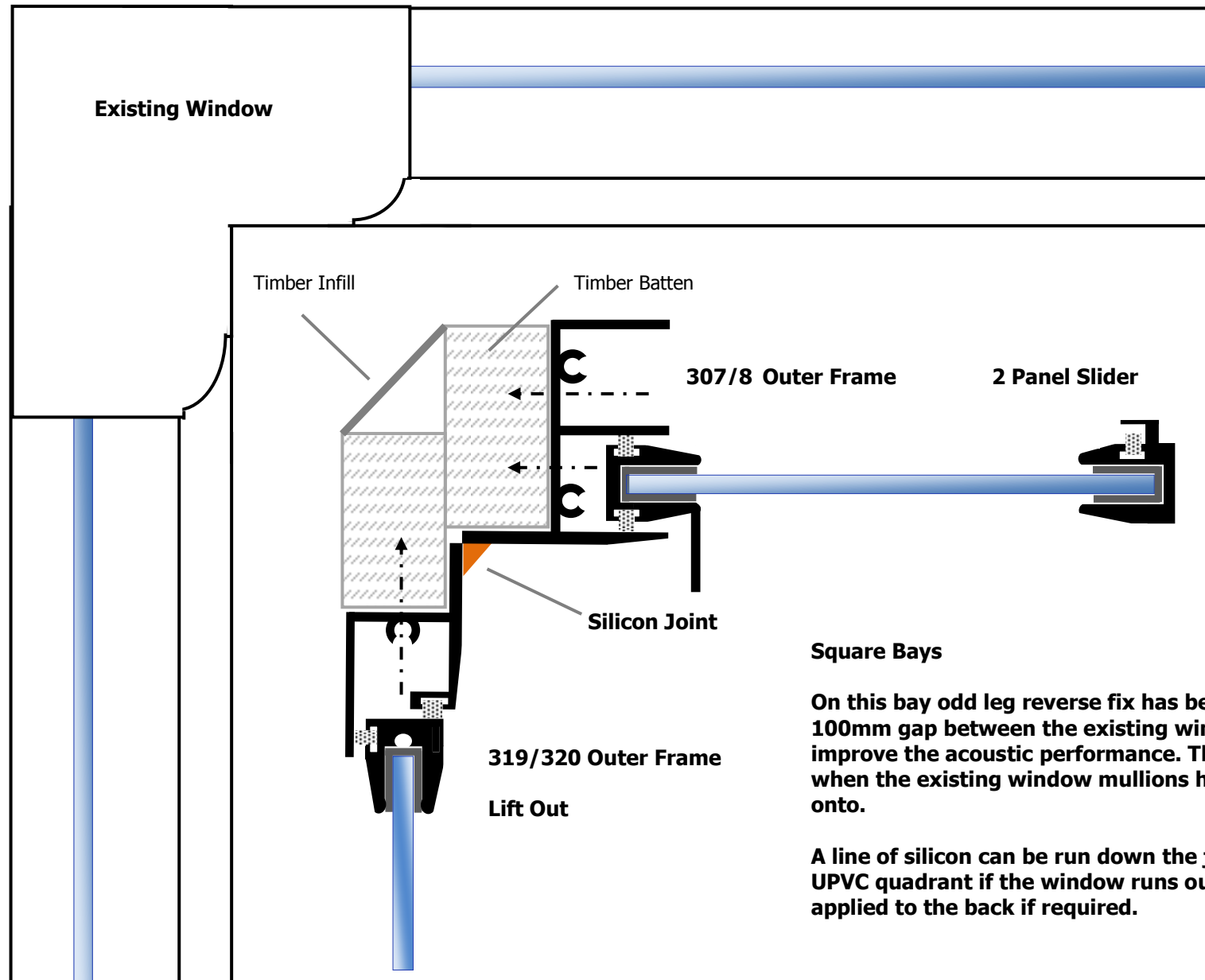
Outer frames fitted reverse fix

307/308 Horizontal and Fiction Vertical Sliders

319/320 Lift Outs

Secondary Glazing

Fitting secondary into a square bay using 307/8



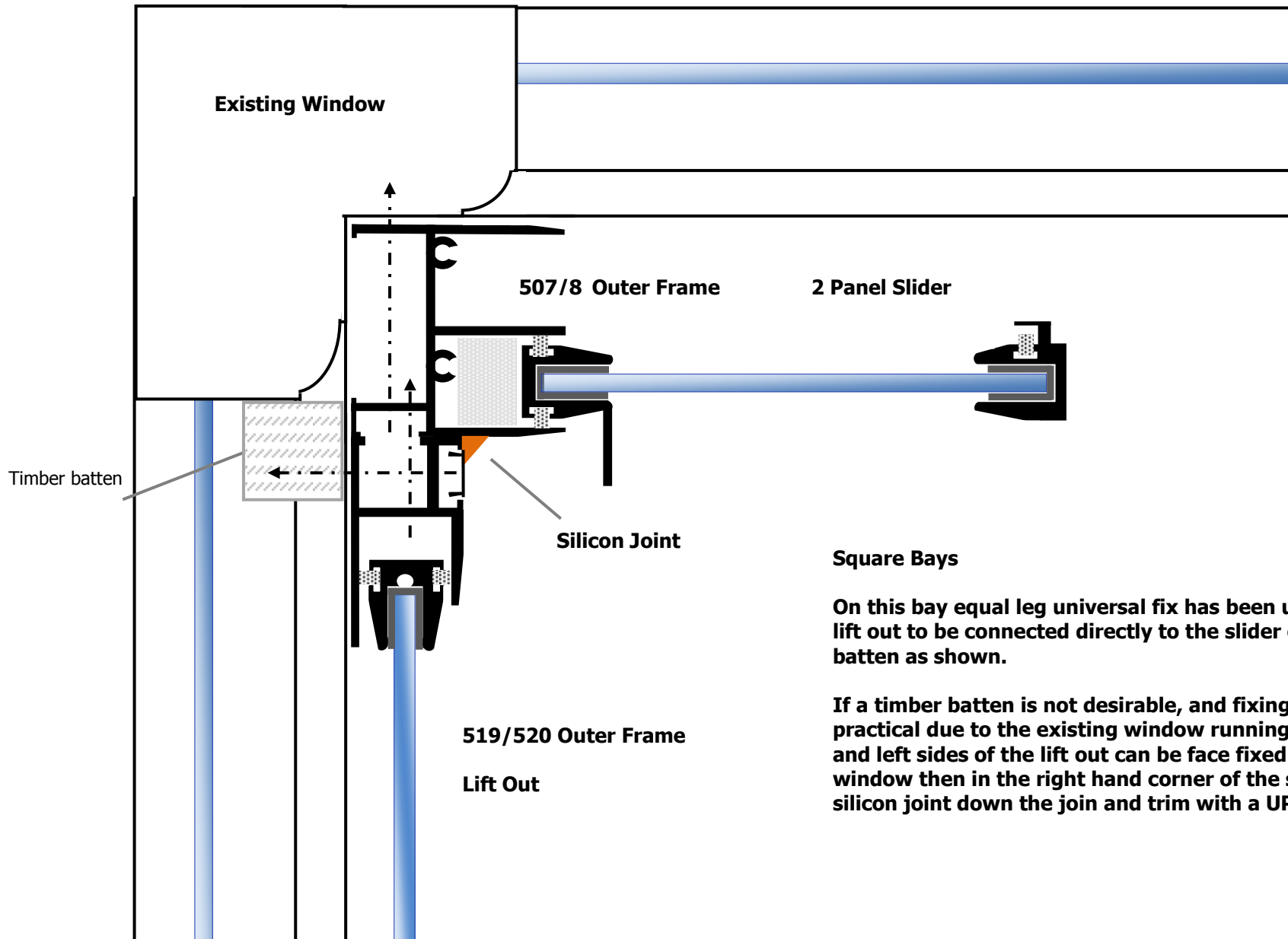
Square Bays

On this bay odd leg reverse fix has been used to create a 100mm gap between the existing window and the secondary to improve the acoustic performance. This method is also used when the existing window mullions have little timber to fix onto.

A line of silicon can be run down the joint and trimmed with a UPVC quadrant if the window runs out. A timber infill can be applied to the back if required.

Secondary Glazing

Fitting secondary into a square bay using 507/8



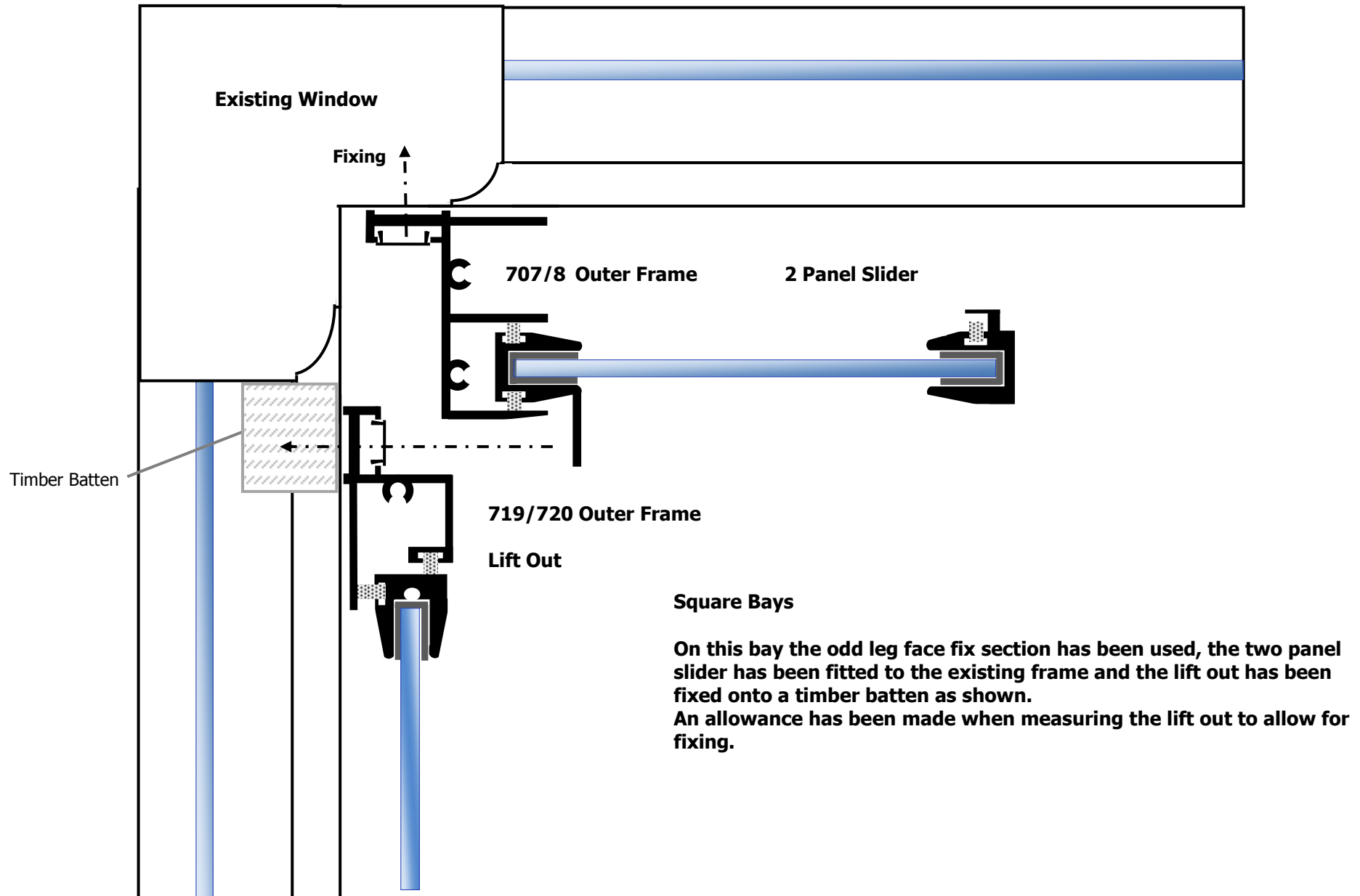
Square Bays

On this bay equal leg universal fix has been used and this allows the lift out to be connected directly to the slider or fixed onto a timber batten as shown.

If a timber batten is not desirable, and fixing into the slider not practical due to the existing window running out, the top, bottom and left sides of the lift out can be face fixed into the existing window then in the right hand corner of the secondary units run a silicon joint down the join and trim with a UPVC quadrant if required.

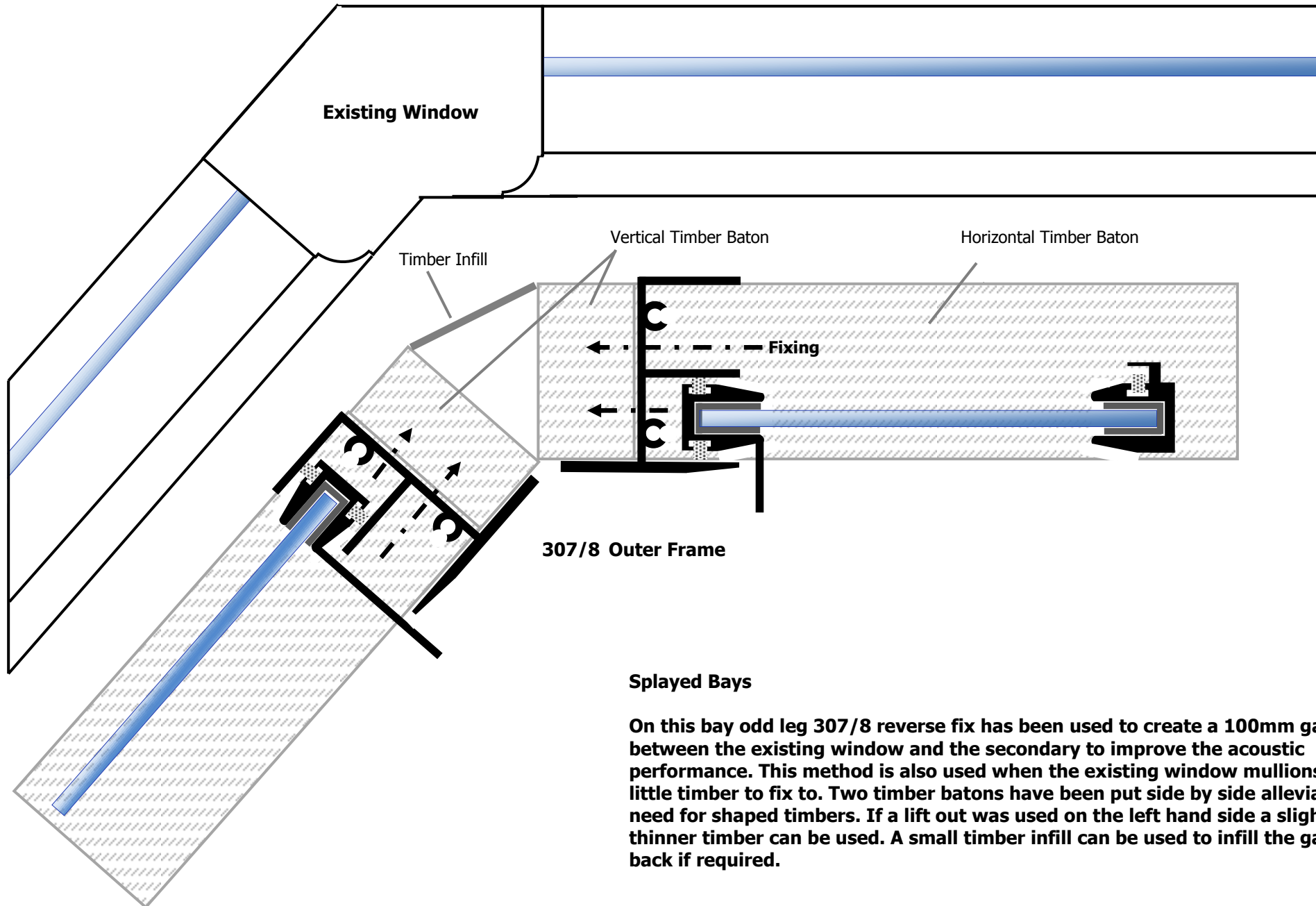
Secondary Glazing

Fitting secondary into a square bay using 707/8



Secondary Glazing

Fitting secondary into a splayed bay.

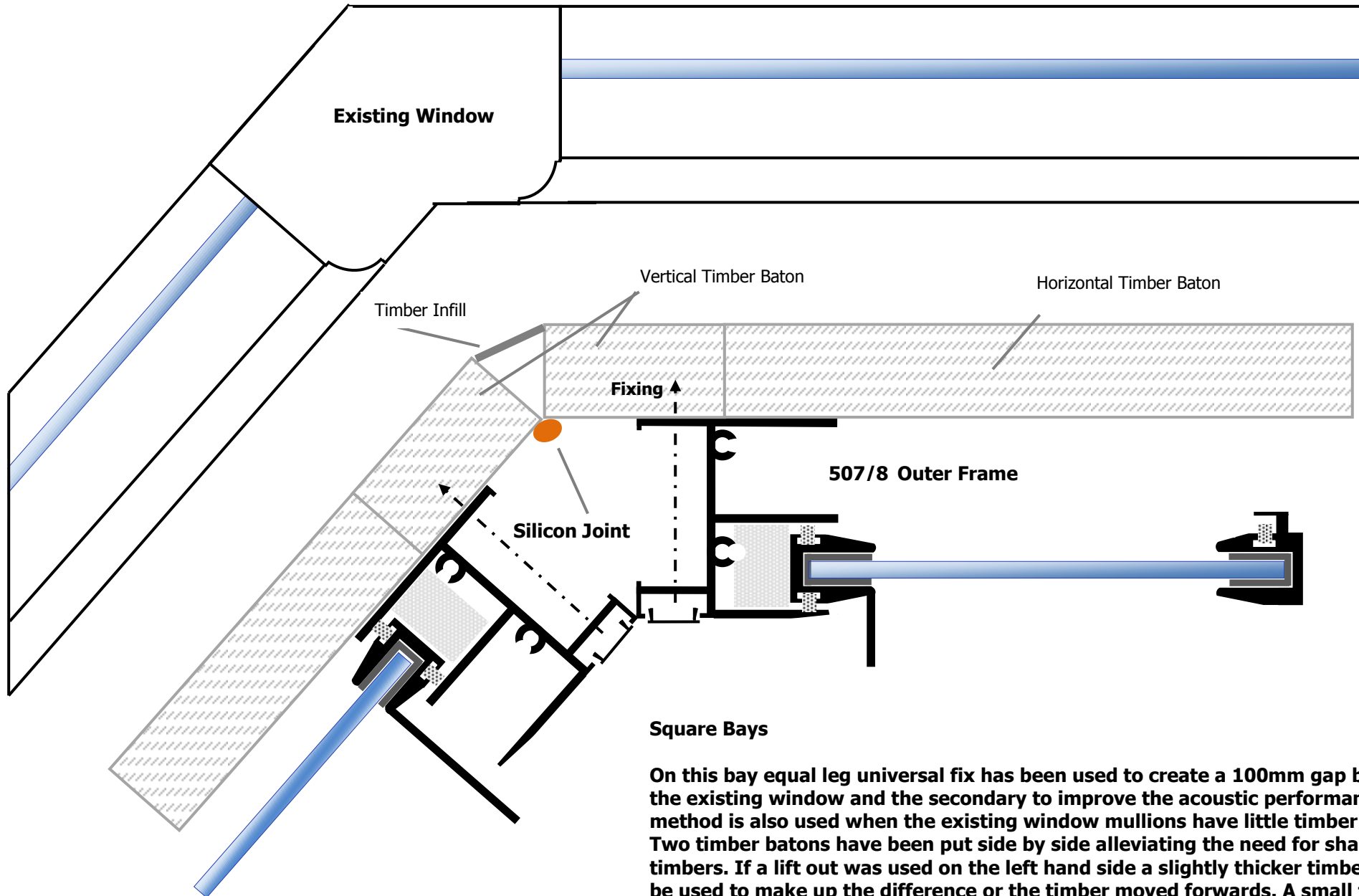


Splayed Bays

On this bay odd leg 307/8 reverse fix has been used to create a 100mm gap between the existing window and the secondary to improve the acoustic performance. This method is also used when the existing window mullions have little timber to fix to. Two timber batons have been put side by side alleviating the need for shaped timbers. If a lift out was used on the left hand side a slightly thinner timber can be used. A small timber infill can be used to infill the gap at the back if required.

Secondary Glazing

Fitting secondary into a splayed bay using 507/8



Secondary Glazing

Fitting secondary into a splayed bay using 707/8.

