Centurion Interiors

Partition Systems

Demountable Partitions
Glass Partitions
Acoustic Glass Doors
Timber Doors
Bespoke Solutions

NDI

Installation Guide

System 9000: Double Glazed

TRULINE systems

System 9000 – Double Glazed Installation Guide – Page 1

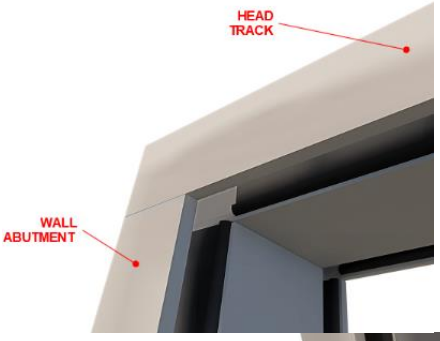
Rev: 03

Tape Measure | Toolbox | Drill | Mitre Saw | Laser Level

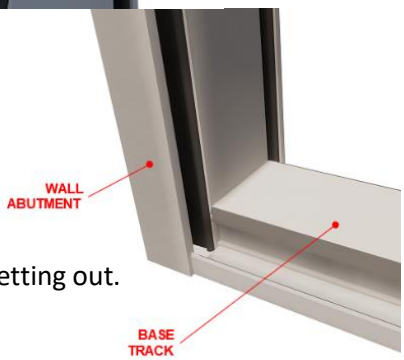
Installation video guide

TRACK NOTES

Fixings for screwing to third party substrates are not provided by Truline Systems and should be assessed and sourced by the installation team.

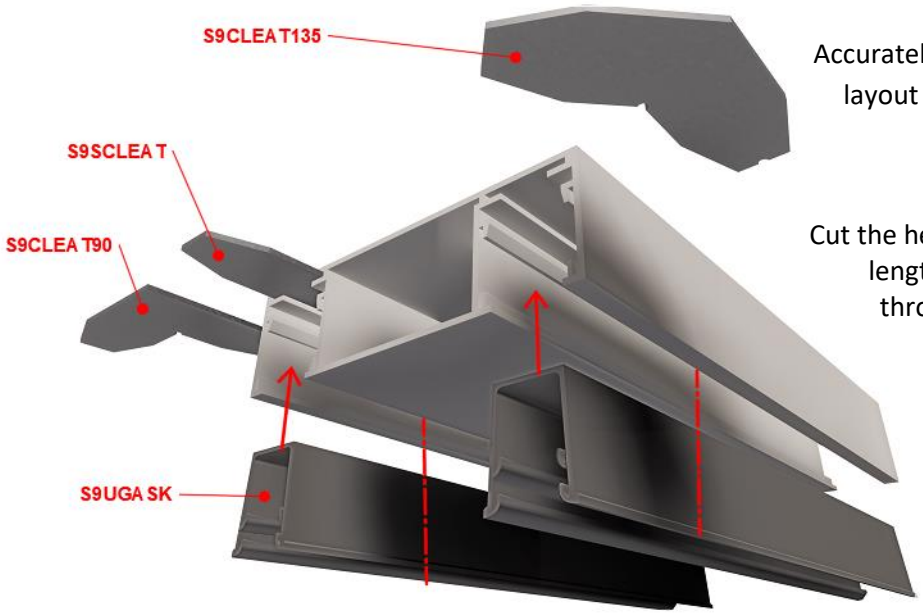


It is common practice to install track as per the below:
Head track to abut adjoining walls.
Wall abutment between underside of head track and floor.
Base track to abut wall abutments.



If door frames are part of your build, review frame notes on page 3 for setting out.

TRACK - STEP 1



Accurately mark out the partitioning layout as per the layout drawings.

Cut the head channel to the required lengths and drill clearance holes through the glazing pockets for suitable structural fixings.

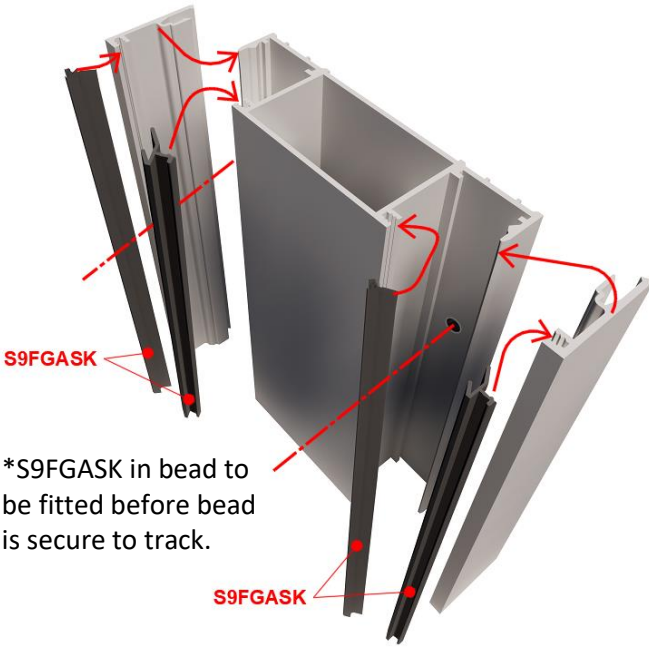
Utilising either straight, 90° or 135° cleats, splice track lengths together.

Once track is securely fixed, proceed by clipping the glazing gasket into the channel.

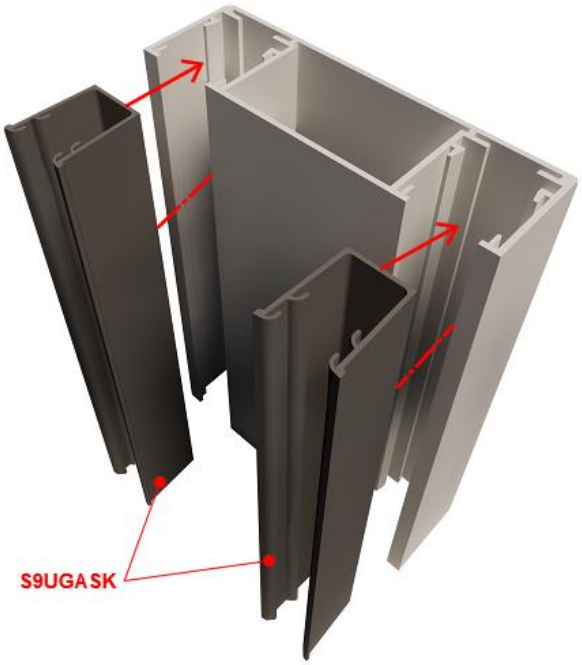
TRACK - STEP 2

Cut the wall abutment channels to the required lengths and drill clearance holes through the glazing pockets for suitable structural fixings. Wall abutment options available are shown below.

*Once track is securely fixed, proceed by clipping the relevant gasket and/or bead into the channel.



*S9FGASK in bead to be fitted before bead is secure to track.

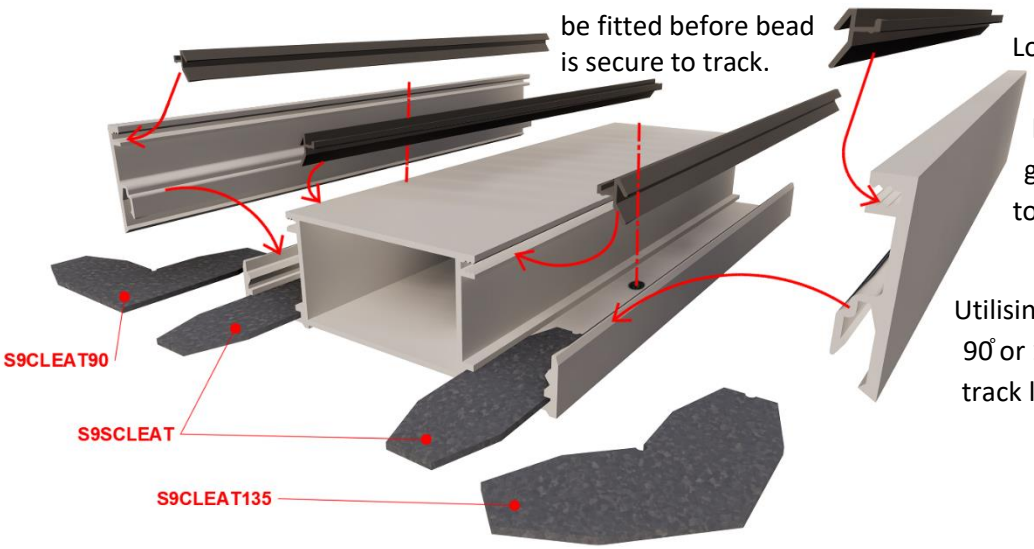


TRACK - STEP 3

Cut the base channel to the required lengths and drill clearance holes through the glazing pockets for suitable structural fixings.

*S9FGASK in bead to be fitted before bead is secure to track.

Loosely clip on the bead for safe keeping until the glaziers are ready to install the glass.



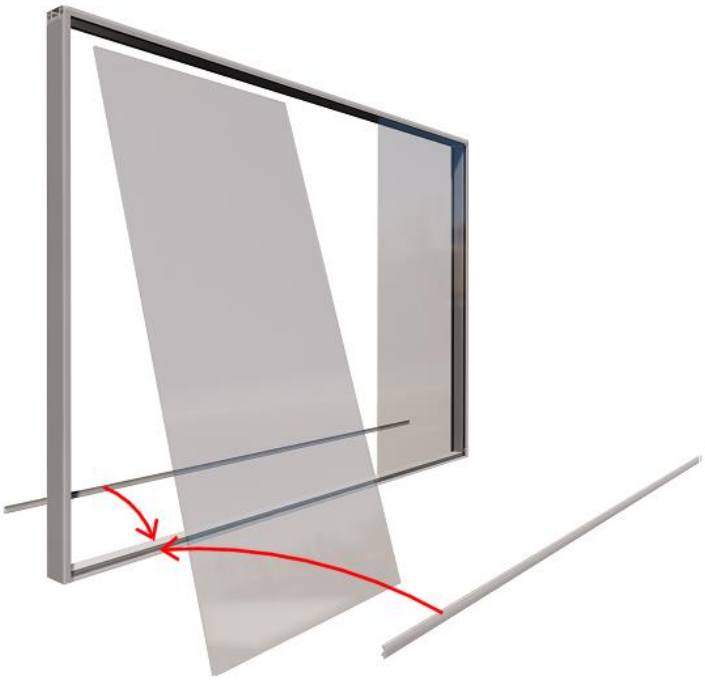
Utilising either straight, 90° or 135° cleats, splice track lengths together.

*Once track is securely fixed, proceed by clipping the glazing gasket into the channel and bead, ensuring the fins are all faced down.

TRACK - STEP 4

When glass is ready to be installed, carefully utilise a lift, drop and shuffle technique to glaze the system, whilst ensuring all glass kite marks are visible and shown in the bottom right-hand corner.

Once glass is in place, the removable bead can be secured back into place.



FRAME NOTES

Utilising the relevant setting out drawing, cut the glazing track to suit door frame type.

Option 1

Full height door frame abutting head track - step 2

Option 2

Door frame with glass all round (Halo) - step 3

Option 3

Full height door frame interrupting head track - Step 4

System 9000 DG
Frame Setting Out

FRAME - STEP 1

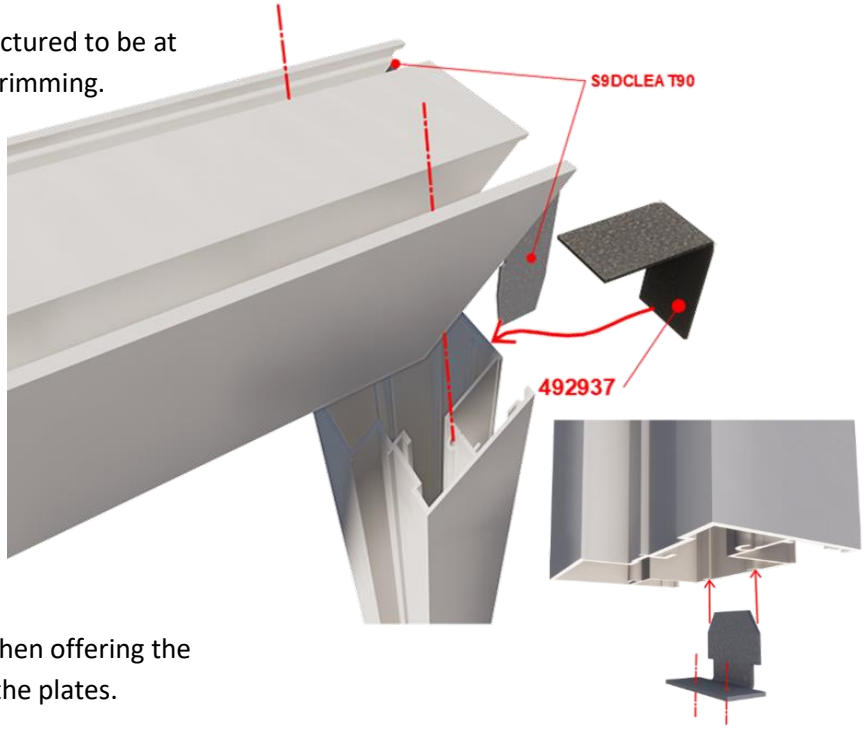
Note: All door frames are manufactured to be at least 50mm oversized for onsite trimming.

Unpack the door frame and all loose components.

Assemble the frame by installing the (x4) mitre cleats (x2 per mitre).

Using the (x4) 4.2 x 38mm pan head screws provided, fix down through the door frame head into the screw ports located in the mitred stiles.

Secure floor plate to floor and (when offering the frame into place) slide on top of the plates.



Option 1 - Full height door frame abutting head track – Step 2 (skip steps 3 + 4)
Option 2 - Door frame with glass all round (Halo) - Step 3 (skip steps 2 + 4)
Option 3 - Full height door frame interrupting head track - Step 4 (skip steps 2 + 3)

FRAME - STEP 2

Prior to positioning the doorframe, S9MDF door frame packer should be installed within the head track. The packer should be cut to length by deducting 40mm from the overall door frame width.

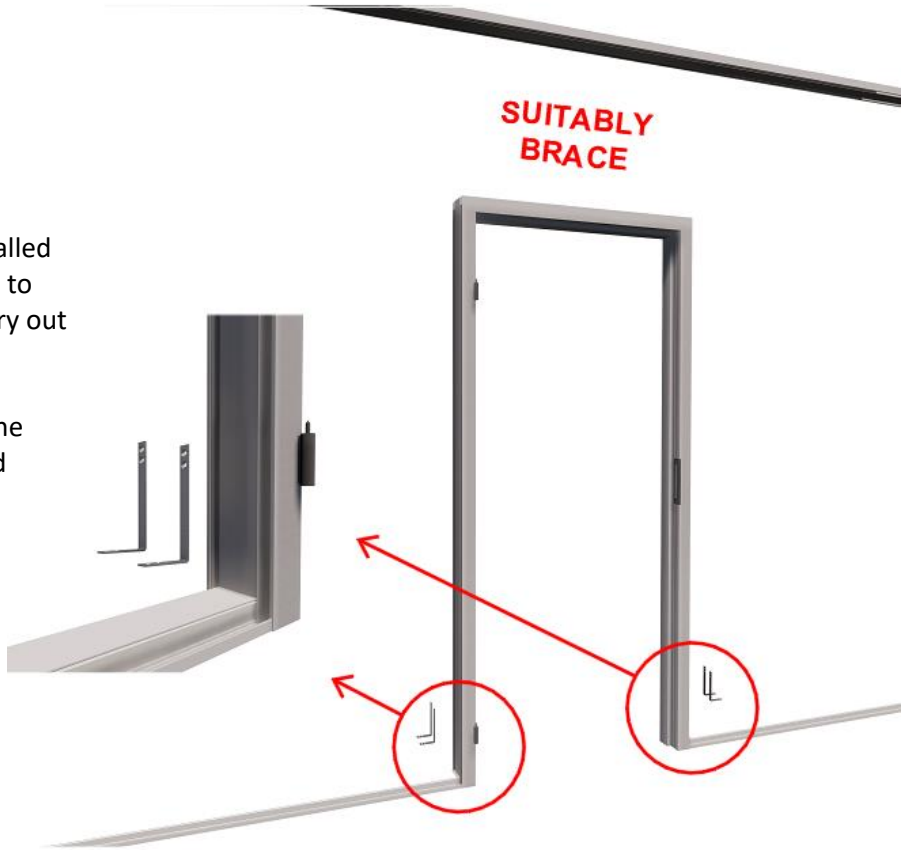
Bracket S9CB is positioned within the glazing reveal of the door frame and head track, with the longer leg positioned in the door frame stiles fixed using the counter sunk self-drilling screws provided.

One bracket is required for each door frame pocket.

FRAME - STEP 3

The door frame should be installed and suitably braced in position to allow the glass surveyor to carry out an accurate measure.

It is then recommended that the frame is dismantled and stored safely at this point.



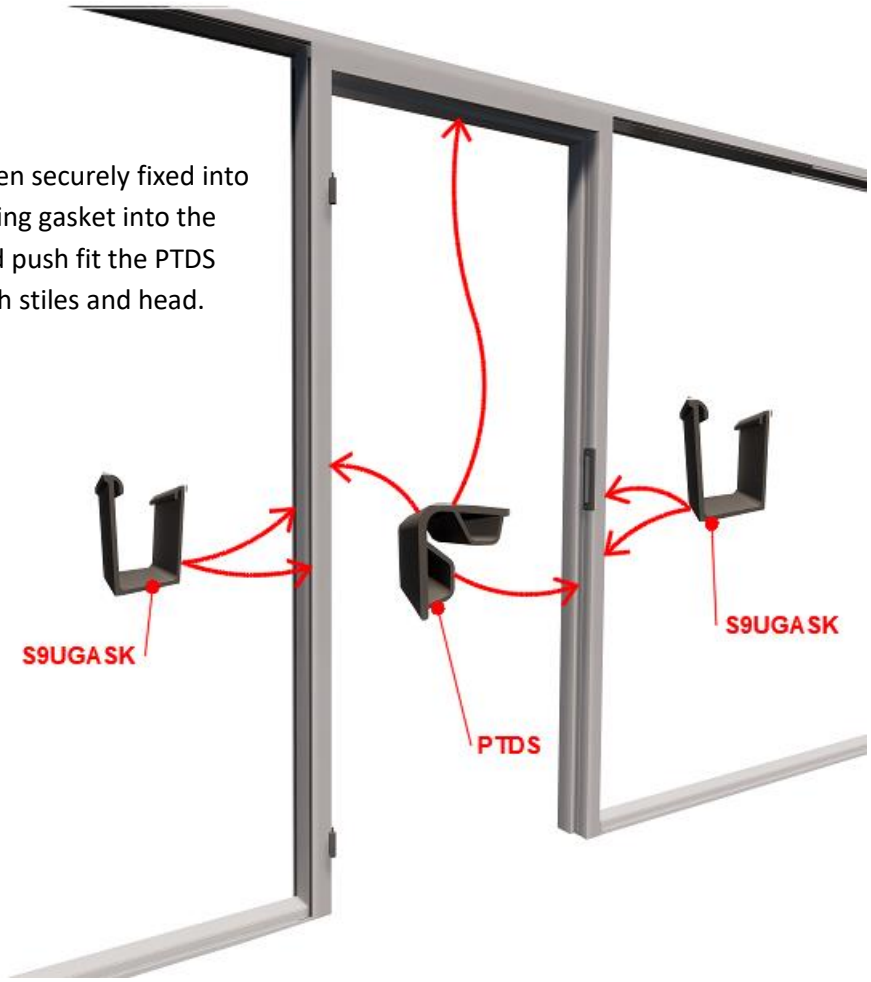
FRAME - STEP 4

Bracket S9CB is positioned within the glazing reveal of the door frame and head track. Fix into the door frame using the countersunk self-drilling screws provided.

One bracket is required for each door frame pocket.

FRAME - STEP 5

Now that the door frame has been securely fixed into place, push fit the S9UGASK glazing gasket into the back of the door frame stiles and push fit the PTDS door seal into the groove on both stiles and head.



FRAME - STEP 6

When glass is ready to be installed, carefully utilise a lift, drop and shuffle technique to glaze the system, whilst ensuring all glass kite marks are visible and shown in the bottom right-hand corner.
Once glass is in place, the removable bead (track) can be secured back into place.

<u>Door frame with glass all round additional notes:</u>
Coordinate closely with the glazier and reinstall the door frame in sequence with the glazier's works.

A minimal bead of silicone will then be applied to the glazing reveal by the glaziers.

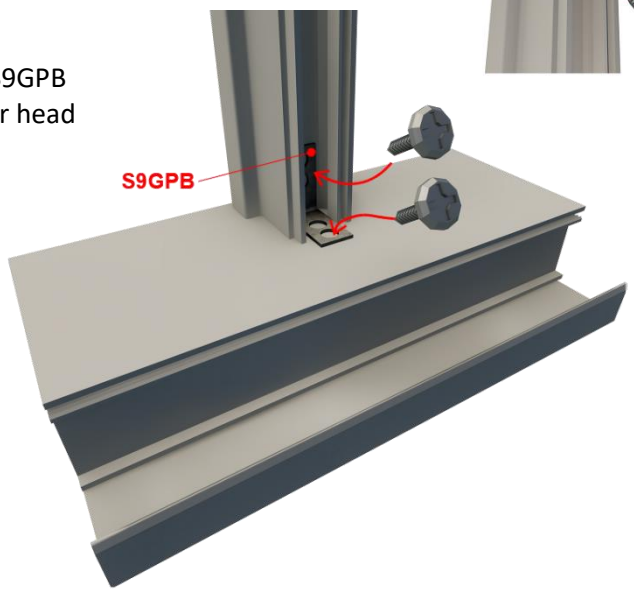
No further work should be carried out to the door frame until the silicone has cured; minimum 12 hours cure time required.

GHOST POST – STEP 1

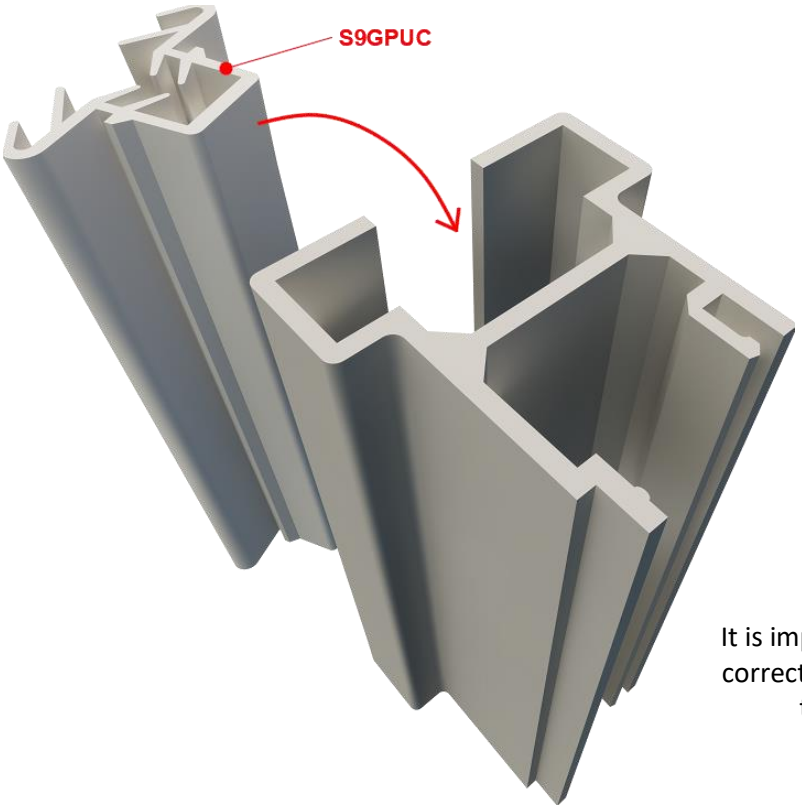
Cut the ghost post extrusions to the required lengths. This can be calculated by deducting your floor track and head track from your floor to ceiling height.

Position the first half of the ghost post, ensuring this is inset by 2mm on the flat central face of the floor and head track (as shown).

Secure into place using the S9GPB ghost post bracket and wafer head tek screws.



GHOST POST – STEP 2



Cut the antler gasket (S9GPUC) to size and push fit into the ghost post extrusion that is fixed into place, while listening for the gasket to click into place over the length of installation.

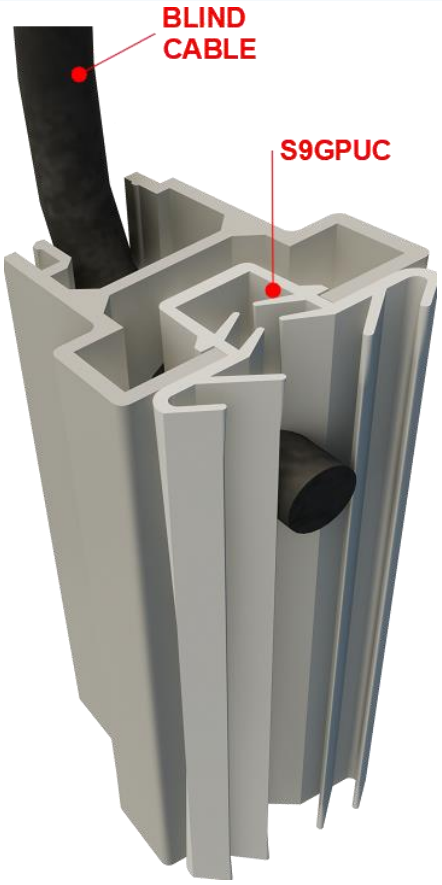
It is important that the gasket clicks into place correctly as if this is not, then this could cause the glass installation to be problematic.

GHOST POST – STEP 3

With the loose antler gasket (S9GPUC), cut to size and push fit into the ghost post that is not yet installed. Remember to listen for the gasket to click into place over the length of the extrusion.

Mark up where the control knob for the blinds will be located and drill a clearance hole through the ghost post and antler gasket (S9GPUC).

Carefully push the cable through the hole created.



GHOST POST – STEP 4

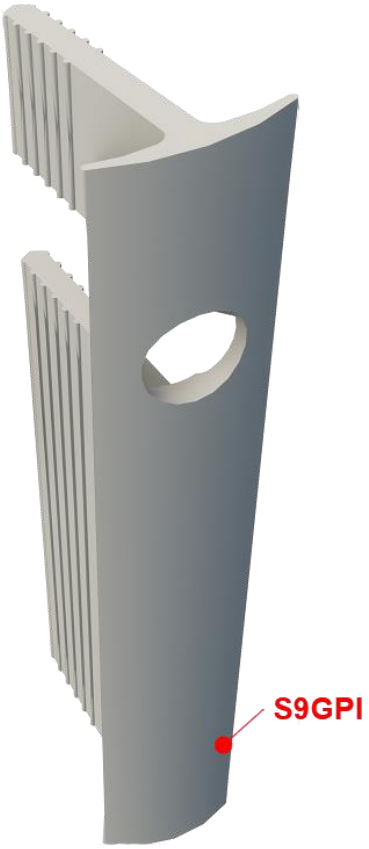
Drill a clearance hole in the top of the fixed ghost post half, ready for the blind cable to be pulled through.

Whilst offering the loose ghost post half into place, ensure the blind cable is pulled through the top clearance hole simultaneously. The post is fully secured once clicked into place along the length of the extrusion.

Blinds can now be installed.

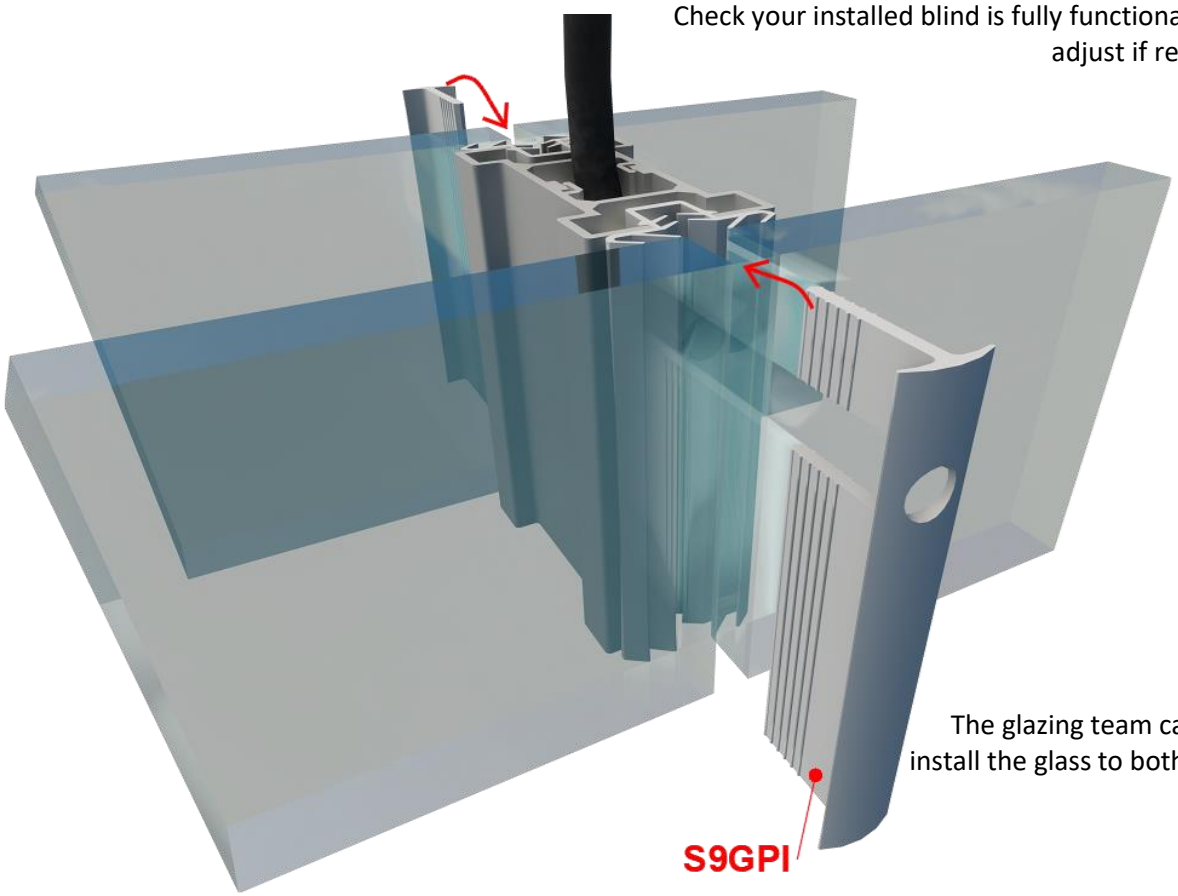
GHOST POST – STEP 5

Mark up the blind control cable position on the T gasket (S9GPI) and drill a clearance hole to suit.



GHOST POST – STEP 6

Check your installed blind is fully functional and if adjust if required.

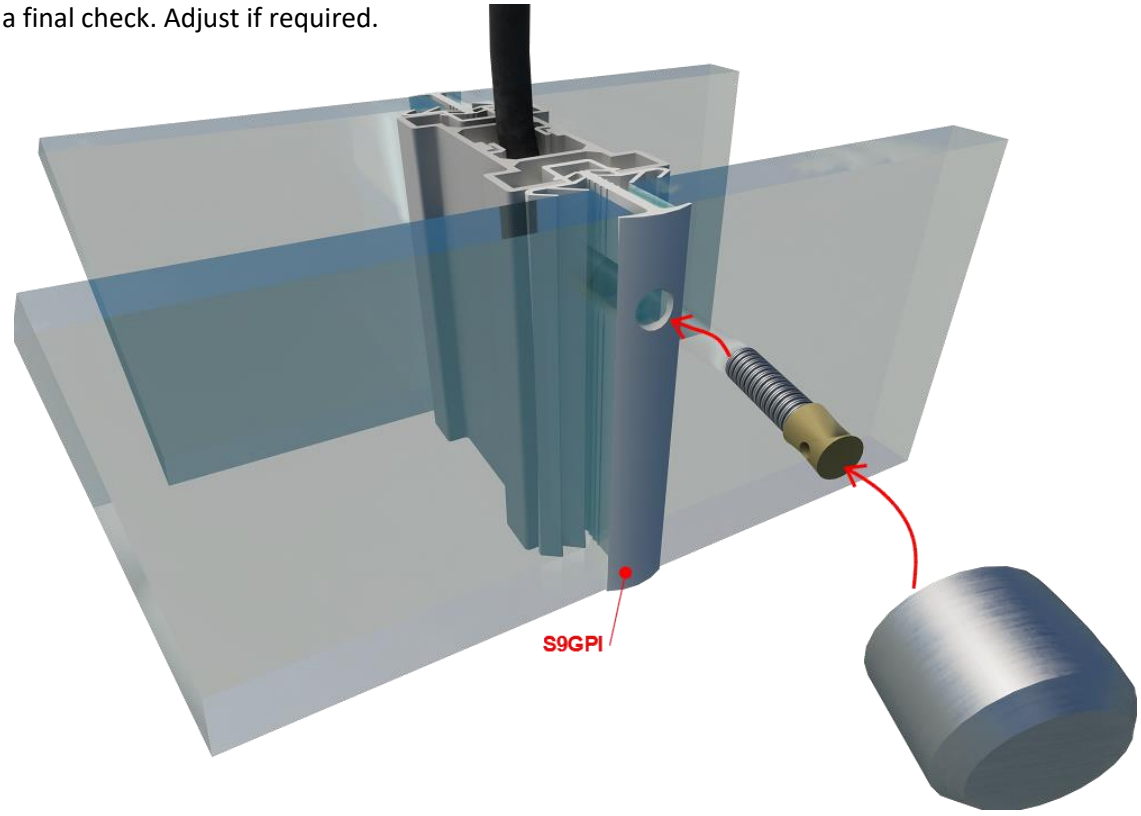


The glazing team can now install the glass to both sides.

Once glass is in place the T gasket can then be installed. Ensuring the cut out made in Step 5 is on the correct side and that you feed the blind cable through.

GHOST POST – STEP 7

Secure the blind control knob to the cable and complete a final check. Adjust if required.



Please scan the relevant QR code below for specific System 9000 documentation.

System 9000 Design Guide

Partitioning Systems O&M

Doors O&M

Partitioning Safety Data & COSHH

Doors Safety Data & COSHH

If you have any questions regarding this installation guide or require further assistance, please contact Truline Systems technical team.

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