

Kross Glaze 600 Install Guide Door First

Revision 2 – 08/03/2019

Think partitioning,
think Komfort





Contents

Trackwork Installation

Door Frame Installation

Door Installation

Post Installation

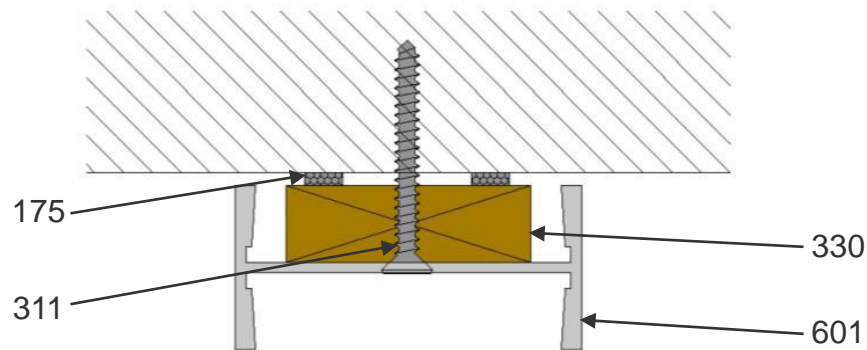
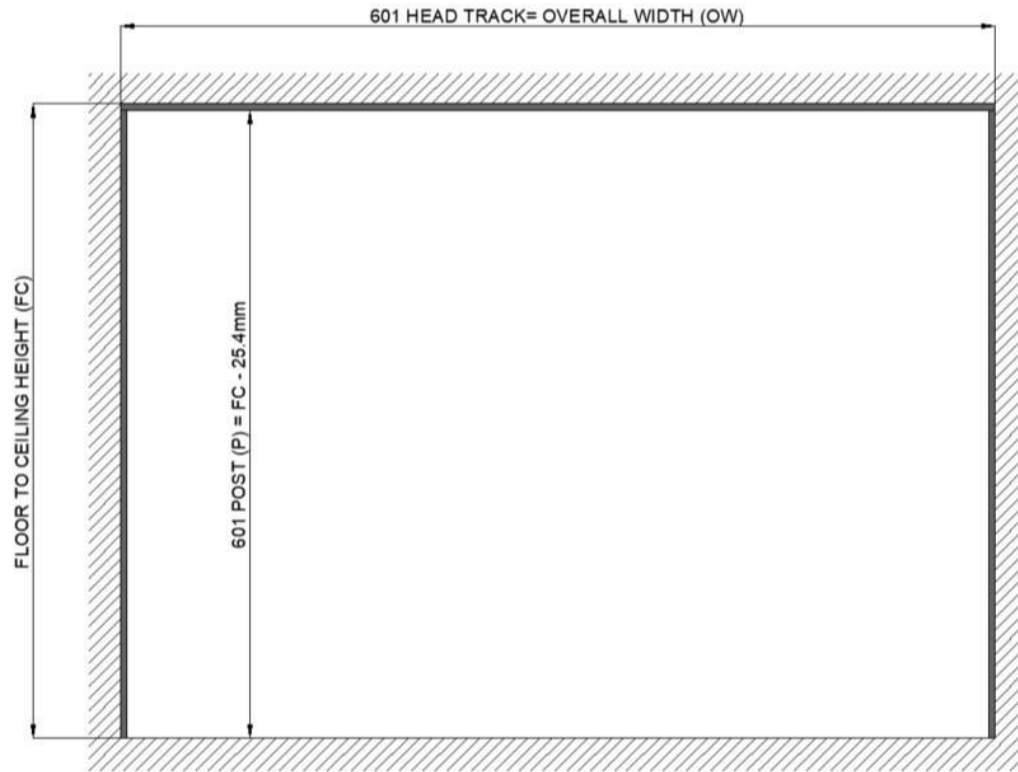
Transom Installation

Glazing Chair Installation

Surveying for Glazing

Glazing Installation

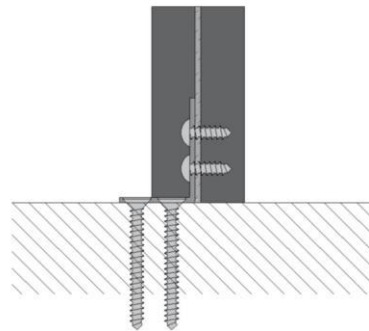
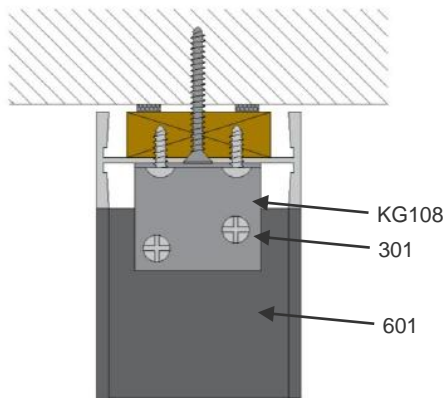
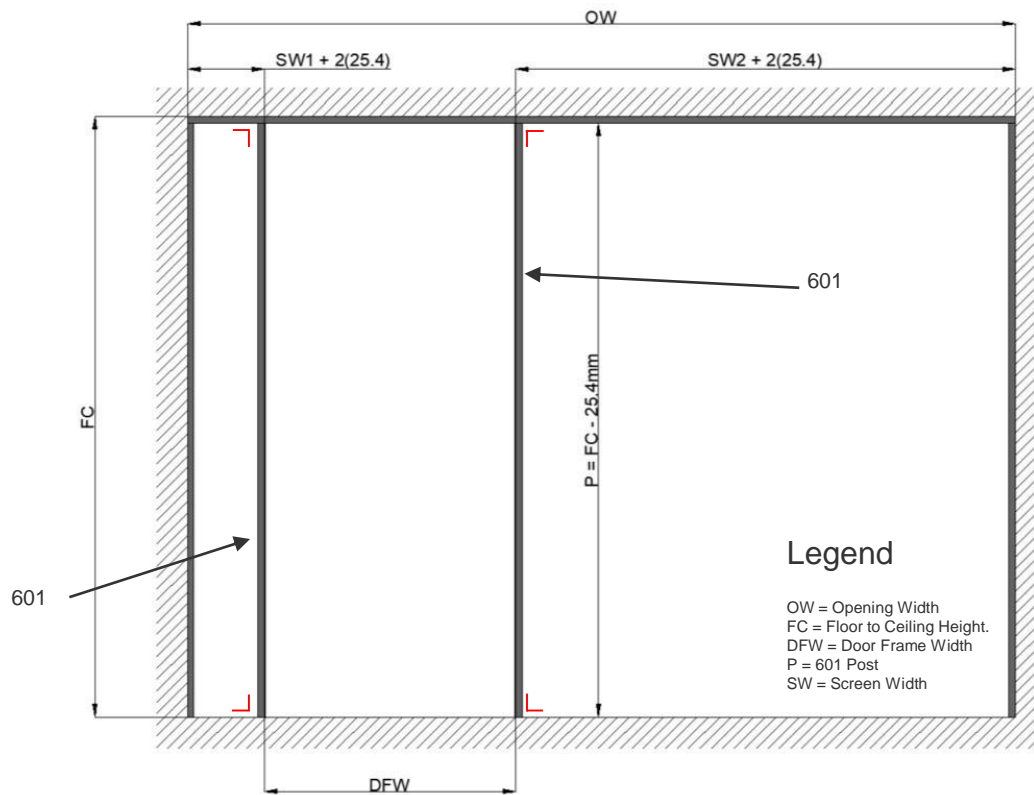
Component Identification



Trackwork Installation

Installation Instructions:

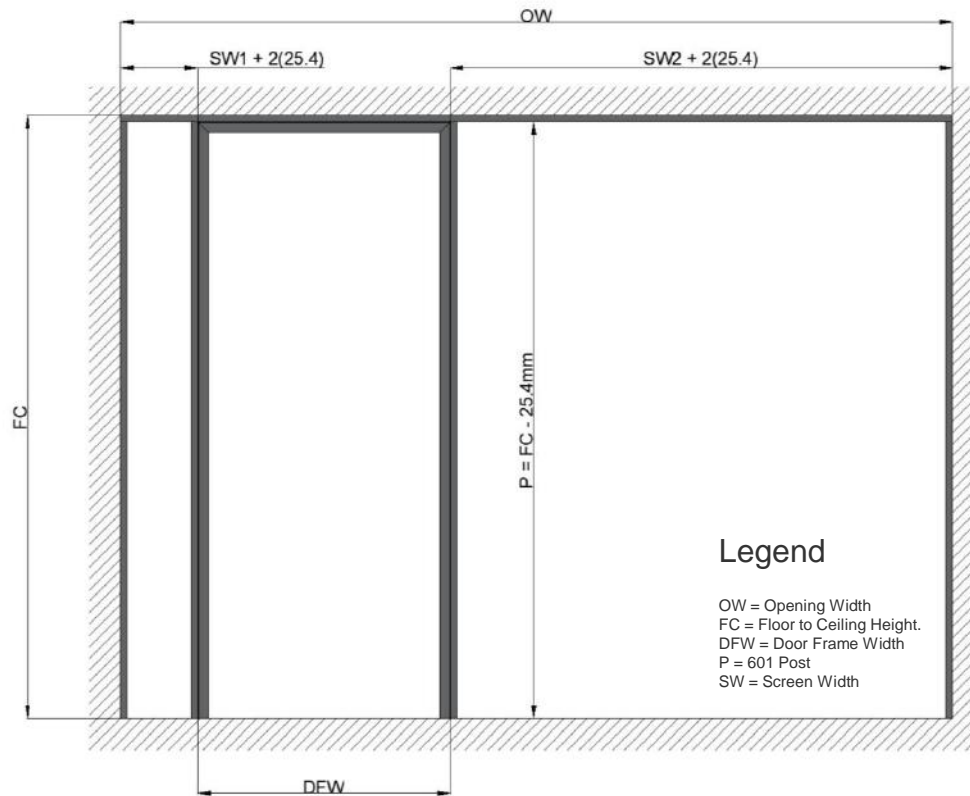
1. Measure the ceiling **Opening Width (OW)** and cut a **601** length to size.
2. Place the **Timber 330** into the 601 profile.
3. Stick the two **175 foam strips** from end to end of the **330**.
4. Offer up the **set** towards the ceiling and fix it with one **311 screw** every **300mm** **approximately**.
5. Repeat from step 1 for the walls, from floor to 601.



Door Frame Installation

Installation Instructions:

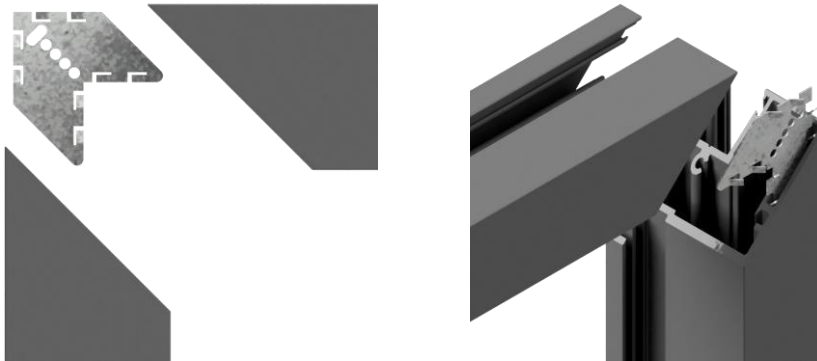
1. For the installation of the door frame, if the system requires one screen on each side of the door, cut two **601** posts to size, considering $P = FC - 25.4\text{mm}$.
2. Cut two **632** lengths at **P dimension**, and cut a third **632** length at the same size as the **door frame head (upper side)**.
3. Repeat step 2 with three pieces of **330** timber.
4. Measure the **SW1** distance to place one **601 post** and fix it to the **ceiling 601 track** using a **KG108 bracket** and four **301 screws**.
5. Consider the **door frame width** dimension and place and fix the second **601 post** to the **ceiling track**. Ensure both posts are 90° from ceiling to floor and fix it with a **KG108 bracket**, **two 301 screws to the posts** and **two 311 to the ground**.
6. Offer up the short **330** piece previously cut to the ceiling and enclose it with the short **632**.
7. Repeat step 6 for the long **330** lengths into the **601 posts**.

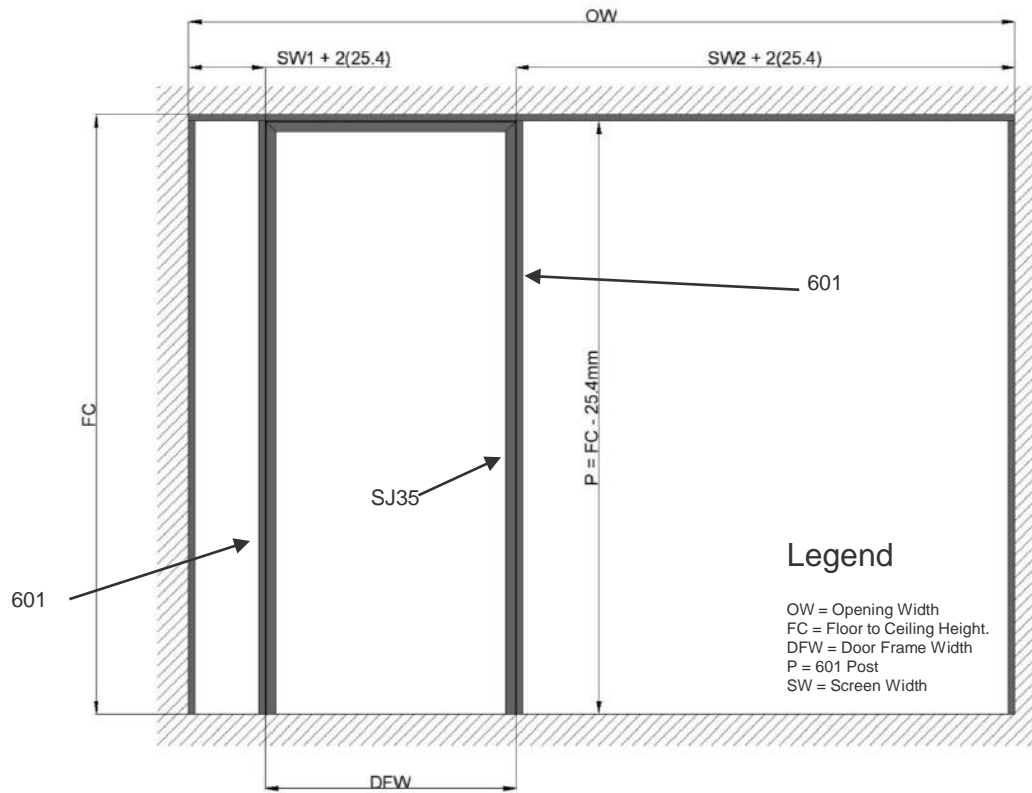


Door Frame Installation

Installation Instructions:

1. Door frame head and legs will be factory mitered. Head will be cut to size, and legs will go to site with 50mm tolerance
2. Consider the orientation and position of each leg and measure the distance between the **601 ceiling track** to the floor. Once measured, cut both SJ35 to size.
3. To assemble both legs to the door frame head insert one **812L stealth cleat** into the mitered slot of each leg.
4. Ensure the teeth are orientated towards the outside of the frame..
5. Finish the assembly attaching the head to the **812L stealth cleat**.
6. Refer to the image details for visuals.





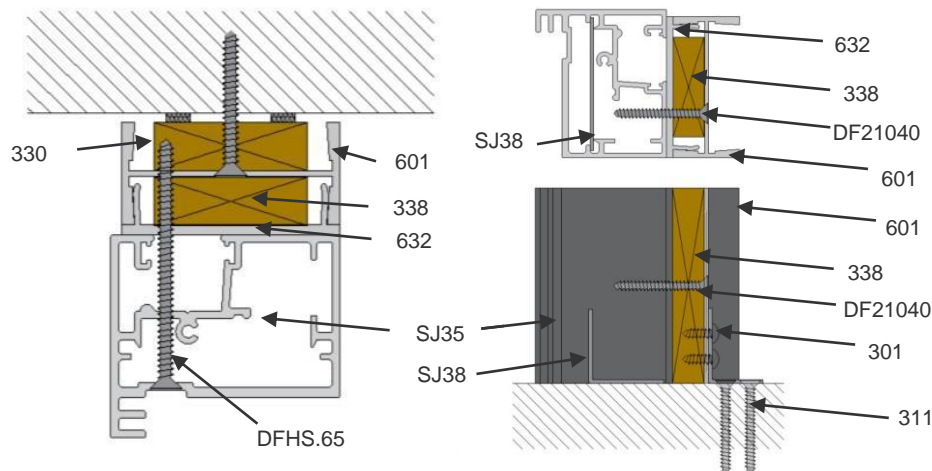
Door Frame Installation

Installation Instructions:

- For the installation of the door frame, insert the door frame into the **601 frame** and fix the legs with **one 40mm DF21040 screw** every 300 mm from the 601 side inwards. Refer to image for **screwing location**.
- The door frame head is fixed to the ceiling with **DFHS.65 screws**.

NOTES:

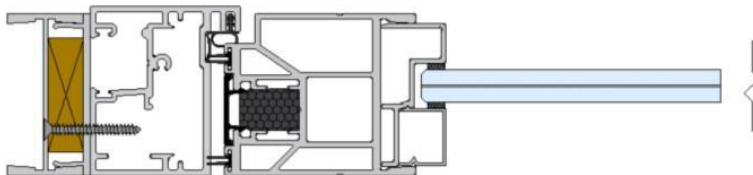
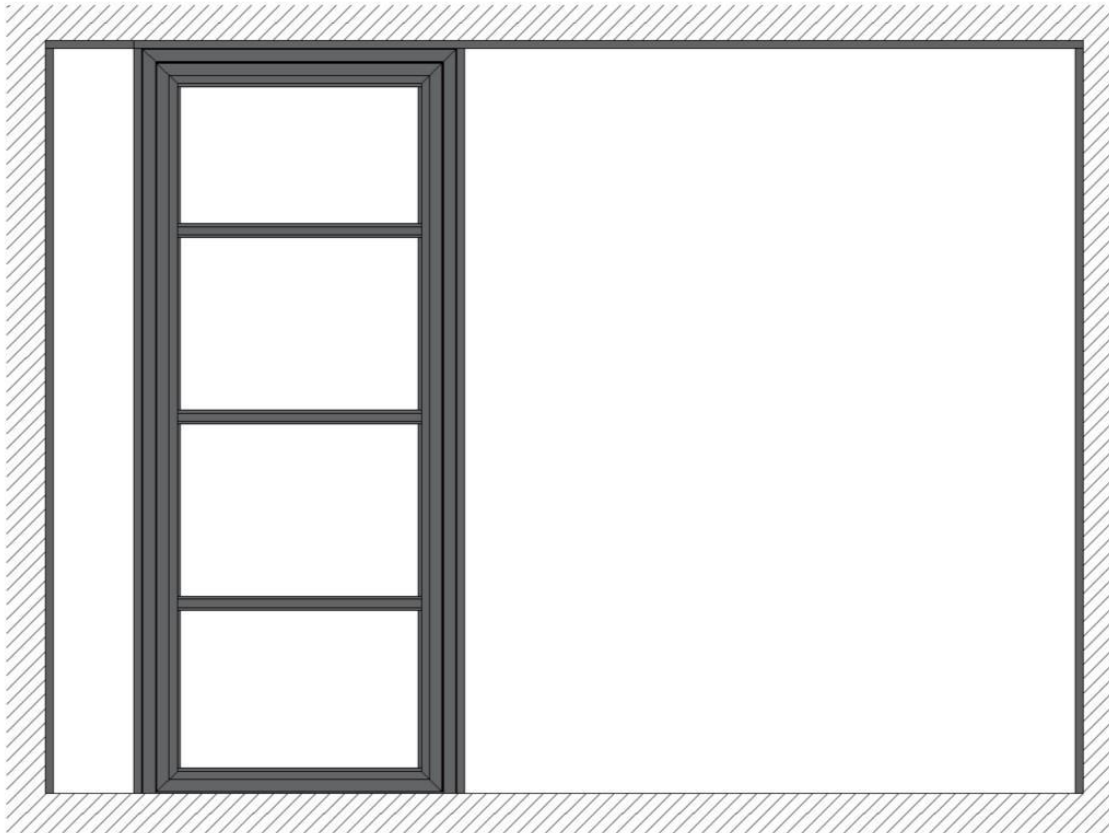
- If the door is situated next to a wall, the **SJ35 frame leg** will be fixed with the same procedure as the door head, using a **DFHS.65 screw** every 300mm. Refer to image for clarification.
- A **SJ38 Bracket** can be used to fill the **doorframe leg** to the floor to facilitate the fixing between the 601 post and the doorframe. Use **311 screws** to fix the SJ38 to the floor.
- For **PIVOT** Doors, the **cutout** for the floor must be made before fixing the Door frame. Please refer to the order sheet for cutout detail.



Door Installation

Installation Instructions:

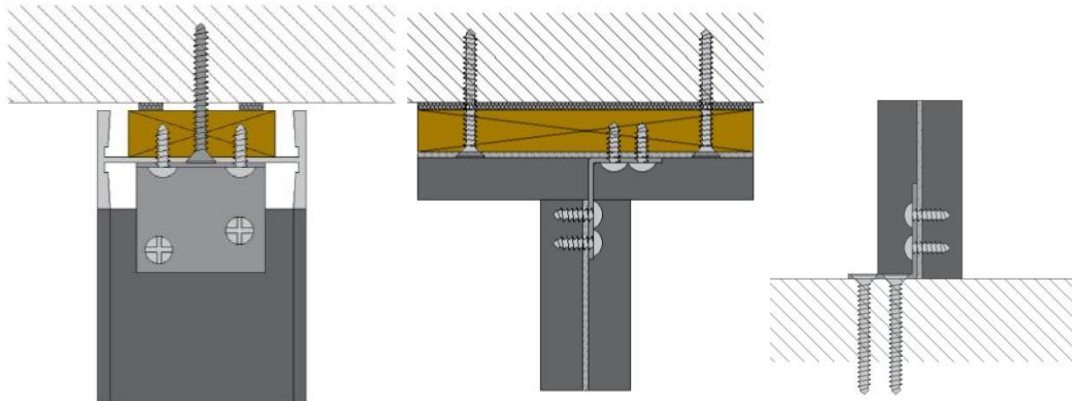
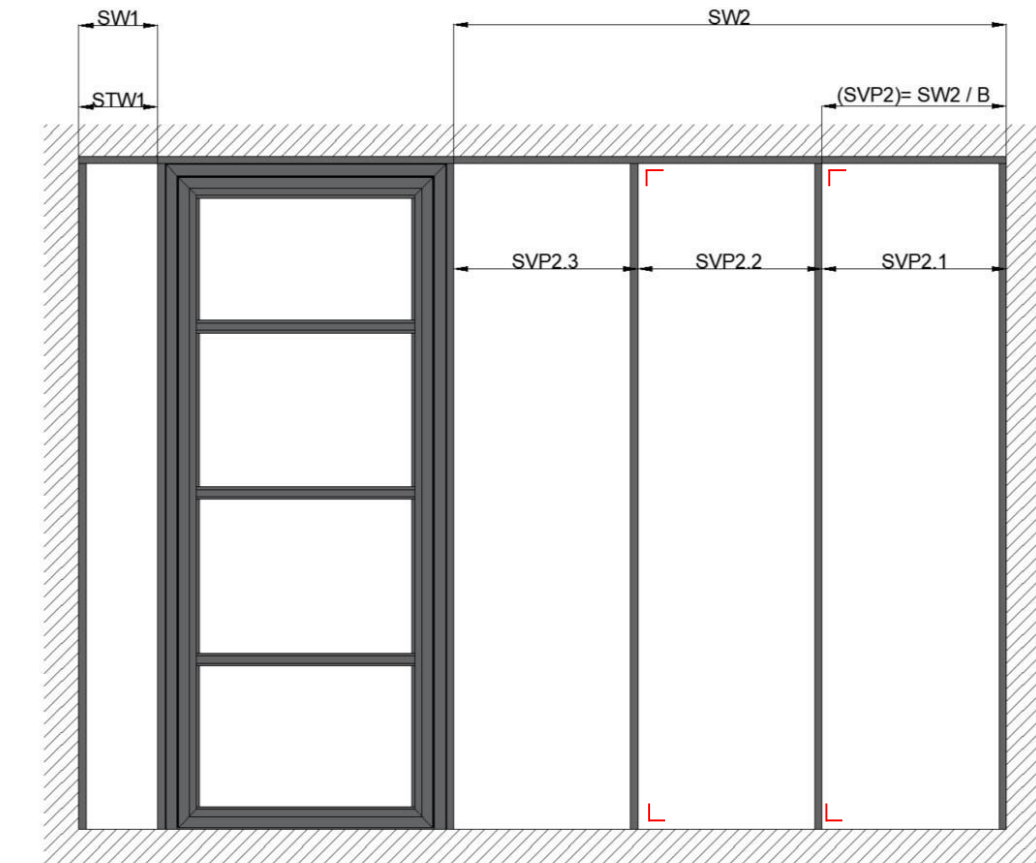
1. To hang the door please refer to the Installation Guide depending on being either Hinged or Pivot door.



Post Installation

Installation Instructions:

1. For screen post distribution, measure the **SW dimension** from the wall to the **door frame 601**.
2. Divide this dimension between the amount of vertical panels required to obtain the dimension between each of the 601 posts, as shown in the image.
3. Fix the **posts** to the ceiling track with a **KG108 bracket (one per post)** and four **301 screws**.
4. Fix the **posts** to the ground with a **KG108 bracket (one per post)**, two **301 screws** for the post, and two **311 screws** for the ground, as shown in the image.



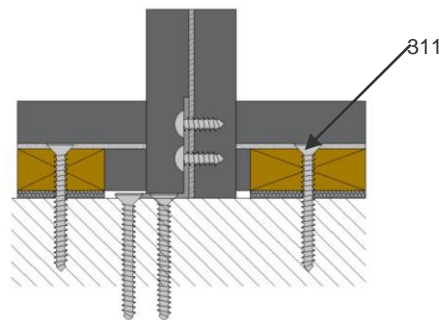
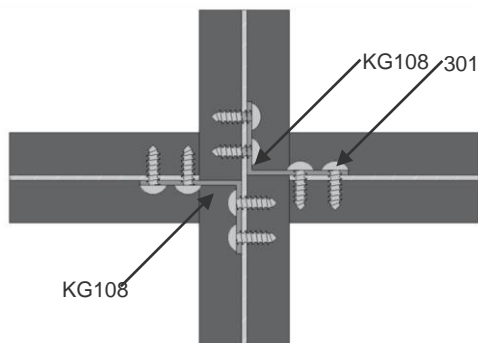
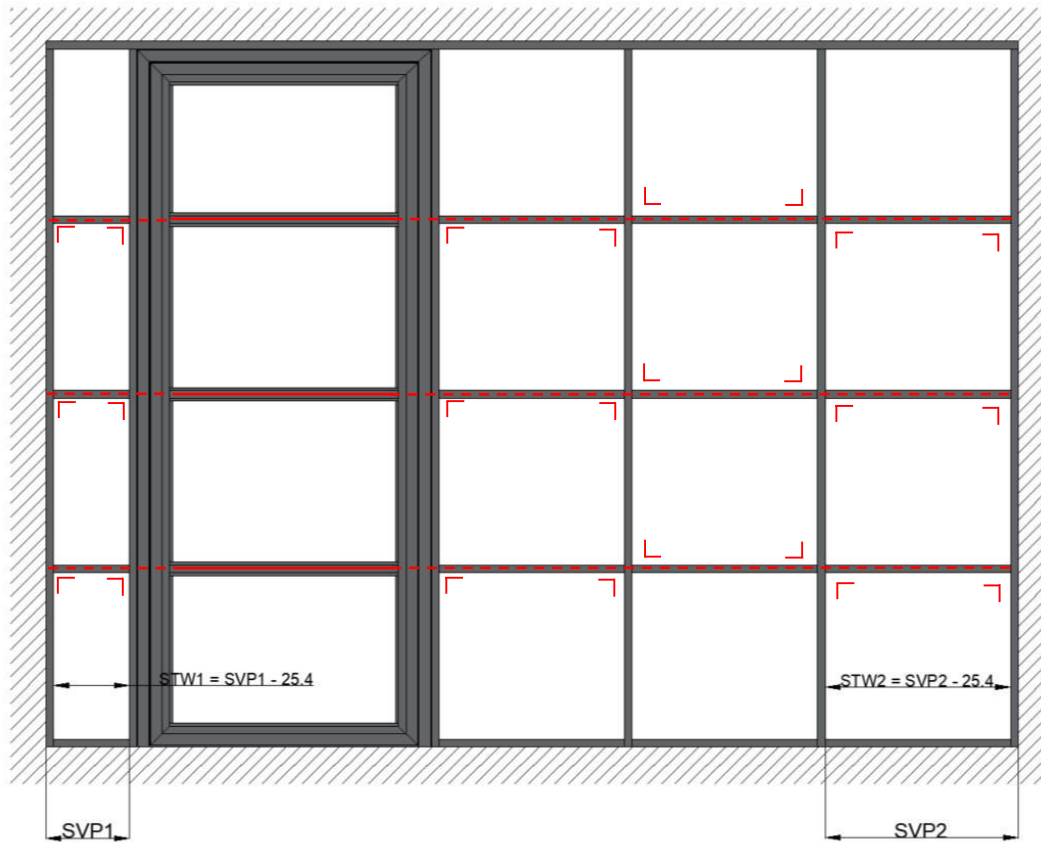
Legend

SW = Screen Width
 B = Number of Horizontal Panels (Min 450mm)
 SVP = Screen Vertical Post Dimension

Transom Installation

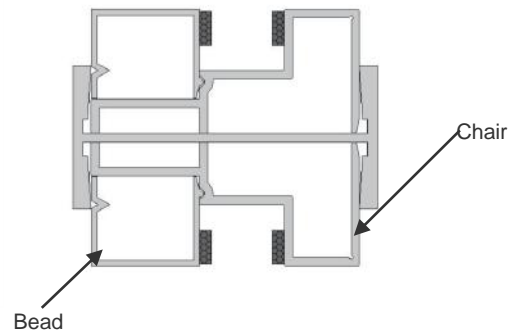
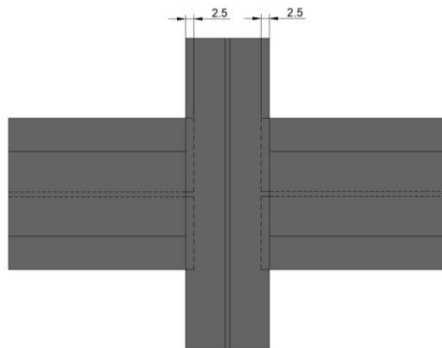
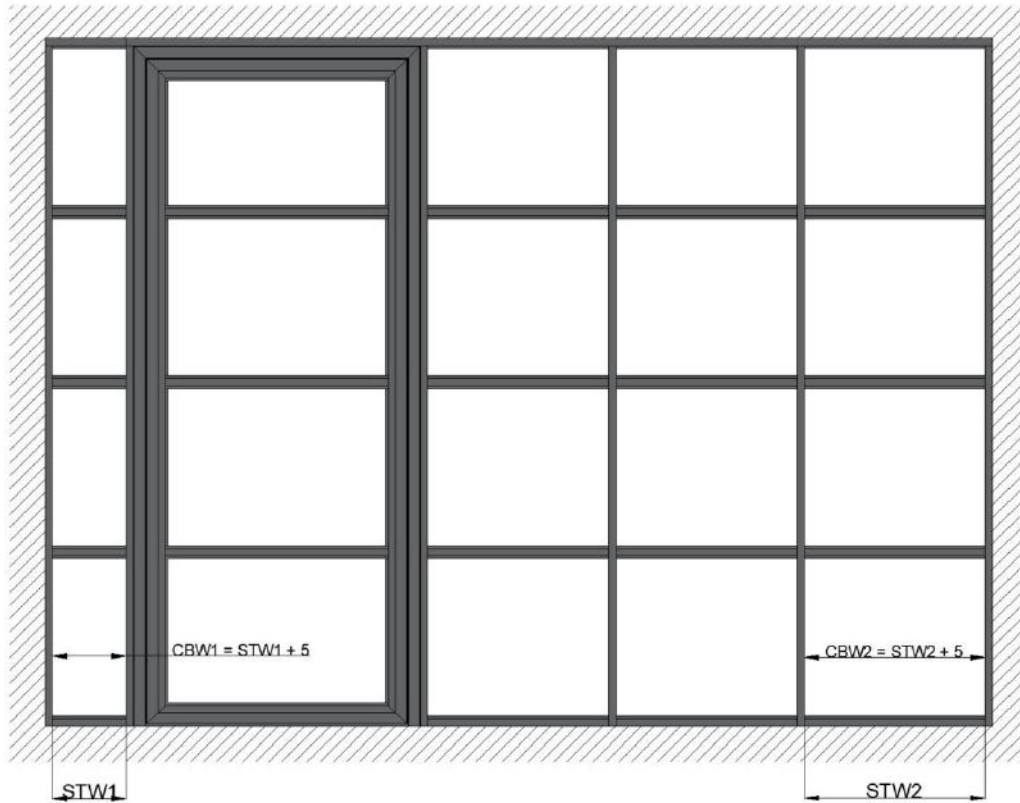
Installation Instructions:

1. To obtain the correct height and position for the transoms, place the laser level at each of the door transoms and mark their positions through the 601 posts.
2. The length of the transoms **STW** is the same as the distance between the 601 posts.
3. Fix a **KG108 bracket** on the ends of each transom with **301 screws**, being both **brackets** located on the same face.
4. Alternate the orientation of the transom for each panel, as shown in the image.
5. The **floor track 601** will be fixed straight to the floor with **311 screws**. Check image



Legend

P = 601 Post
 STW = Screen Transom Width
 SVP = Screen Vertical Post Dimension



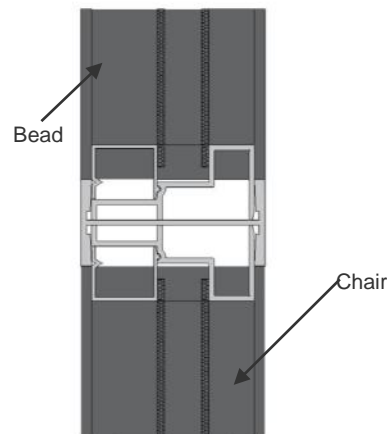
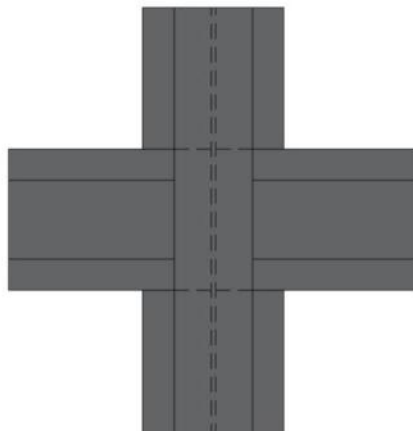
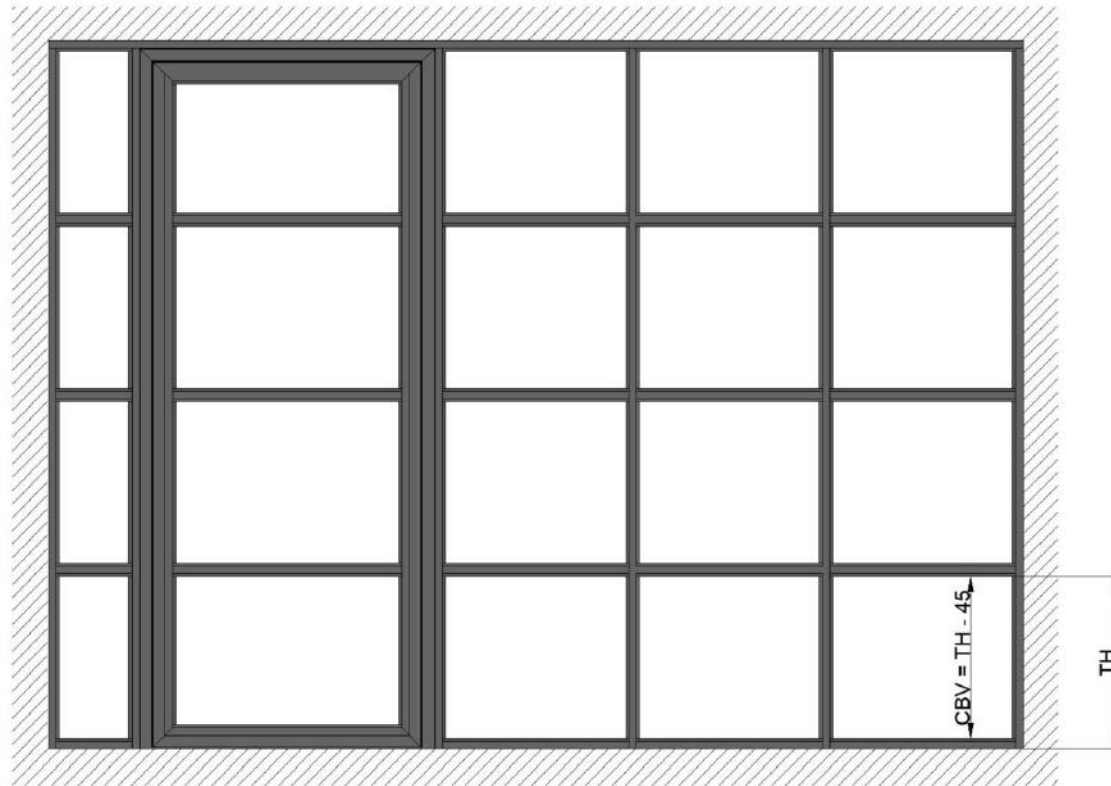
Glazing Chair Installation

Installation Instructions:

1. The dimension for the **horizontal bead (626) and chair (630)** will be 5 mm more than their **transoms**. Being $CBW = STW + 5$.
2. Place the chair in the correct orientation, and the bead will sit on it.

Legend

STW = Screen Transom Width
 CBW = Chair and Bead Width



Glazing Chair Installation

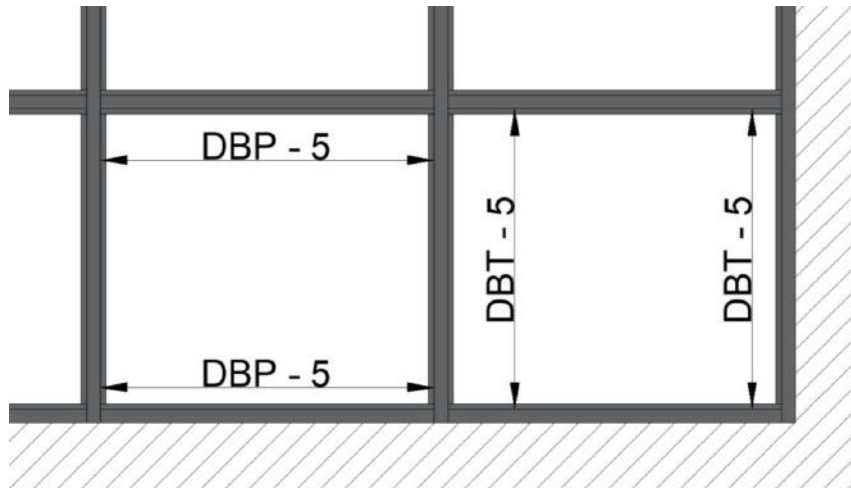
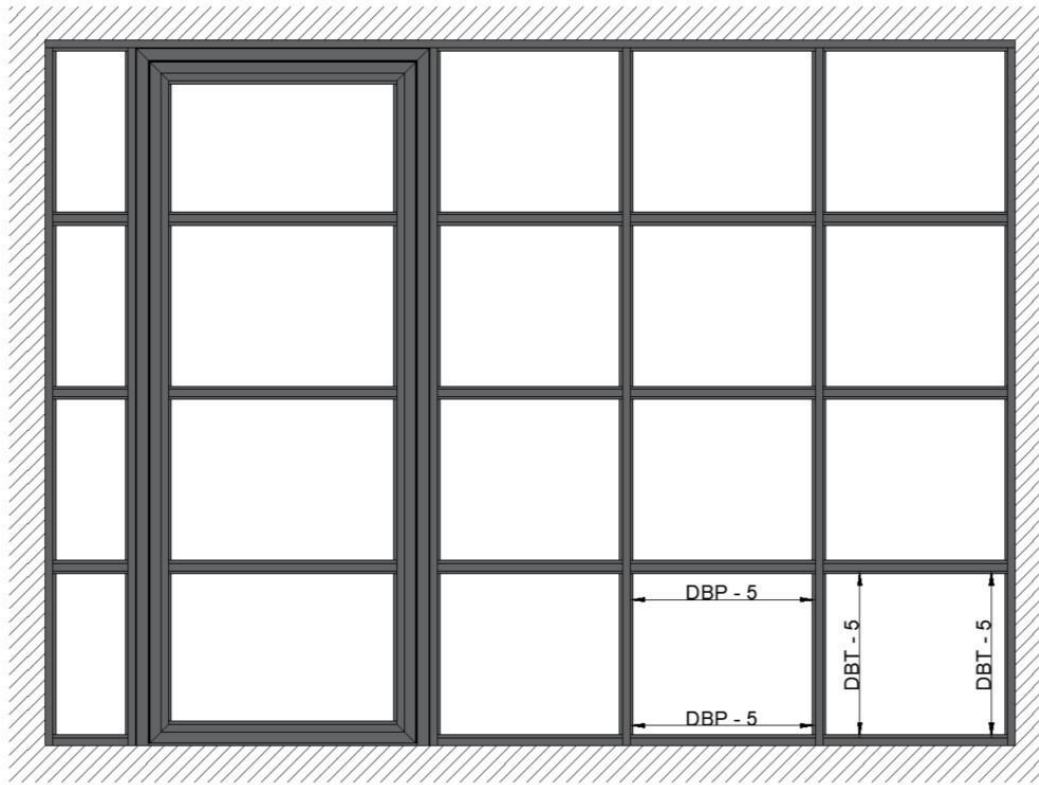
Installation Instructions:

1. The length of the **vertical chair (630)** and **bead (626)** will be the same as the distance between the **horizontal bead and chair**. This dimension could also be obtained by subtracting 45mm to the Floor to transom distance (**TH**).

Legend

TH = Transom Height

CBV = Chair and Bead Vertical Dimension



Surveying for Glazing

Installation Instructions:

1. In order to survey for the glass, it will be required to take four measurements per screen panel.
2. As shown in the image, each measurement will be taken on each end of the panel, between 601 posts and transoms.
3. The size of the glass panel will be the result of each of the dimension minus 5mm.

Legend

DBP = Distance Between 601 Posts
 DBT = Distance Between 601 Transoms

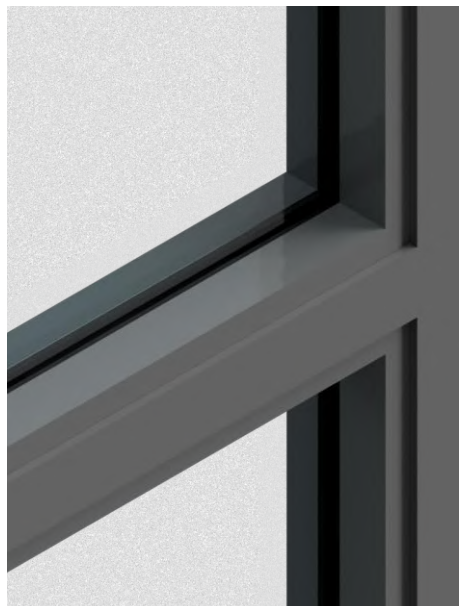
Glazing Installation

Installation Instructions:


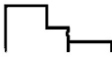

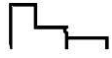











1. Stick the **175 /344B foams*** along the bead and chair profiles.
2. Insert the cut lengths of **horizontal chairs** into the 601 slots. Make sure all chairs are located in the same side of the screen.
3. Insert the cut **vertical chairs**.
4. Offer up the glass and place it within the chair frame, using glazing packers to the underside.
5. Enclose the glass by inserting and snapping on the **beads**.

* Use **175** for 12.8mm and 6.8mm Single Glazed, and 6.4mm + 6.8mm Double Glazed



* Use **344B** for 10.8mm Single Glazed










Component Identification

EXTRUSIONS					
CODE	I.D	DESCRIPTION	CODE	I.D	DESCRIPTION
158		135 Degree Corner Post	627		Aluminium Single Glazing Chair for 6.8mm
175		6mm x 2mm Foam Rubber	630		Aluminium Single Glazing Chair for 10.8mm & 12.8mm
203		Box Three-Way Post	632		Snap-In Infill
343		12mm x 3mm Foam Rubber	651		Aluminium Double Glazing Chair for 6.4mm & 6.8mm
344B		6mm x 3mm Foam Rubber	652		Aluminium Double Glazing Bead
601		Upright Post or Transom	PSQ21		Polar 100 Wing Bubble Gasket
604		Corner Post	SJ35		Polar Square Single Glazed Doorframe Section
626		Aluminium Single Glazing Bead			

Component Identification

PACKERS					
CODE	I.D.	DESCRIPTION	CODE	I.D.	DESCRIPTION
PSUN2		2mm Packer	PSUN5		5mm Packer

CLEATS & BRACKETS					
CODE	I.D.	DESCRIPTION	CODE	I.D.	DESCRIPTION
KG108		600 Bracket	SJ38		Bracket for SJ35
812L		Stealth Cleat			

FIXINGS					
CODE	I.D.	DESCRIPTION	CODE	I.D.	DESCRIPTION
311		38mm x N9 C/sink Skirting Screw	DF21040		4.8mm x 40mm WAFER S/Drilling Screw
301		5/16 x No 6 Knipping Screw	DFHS.65		65mm Self Tapper