

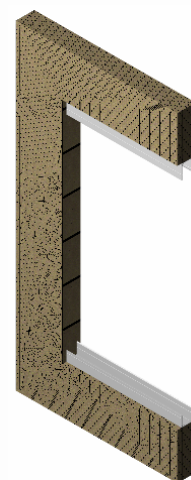
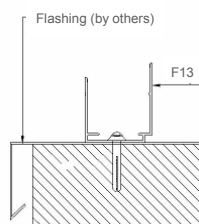
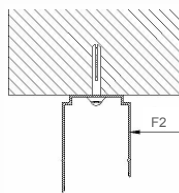
INSTALLATION GUIDE FOR SYSTEM 655 VERTICAL GLAZING

1) First ensure the linearity of the surface you wish to glaze and install suitable flashings/sills where required.

The F2 upper profile can be fixed directly to the supporting structure with suitable screws at max. 500mm centres.

Similarly install the F13 lower profile on to the lower supporting structure. Ensure the vents/weep holes in the F13 profile are on the outside of the glazing.

Note: alternatively the F15 lower profile incorporating a wall cover can be used instead of the F13 standard lower profile.

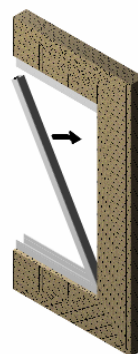
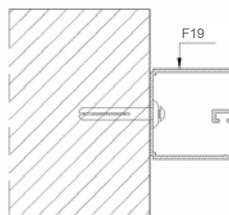
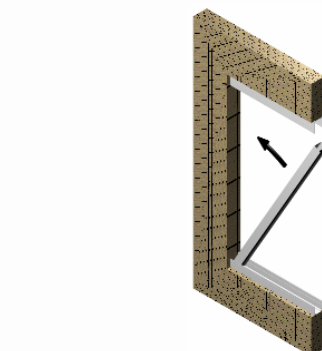


2) Locate the F19 side profiles - these should be cut 15-20mm shorter than the glazing aperture to enable them to slot within the F2 upper profile and F13 lower profiles.

The F19 profiles can be screwed to the walls or supporting structure with suitable fixings placed every 500mm.

Seal all the joints between the framing profiles and the walls or supporting structure and around the fixings in the lower profiles if necessary. Also seal with silicone the internal corner joints and any butt joints between profiles.

Note: the use of thermal break packers/insulating gasket or isolating tape can be made during these steps - if required insert between the F2/F13/F19 profiles and the supporting structure.



Rockwell
GLAZING SOLUTIONS

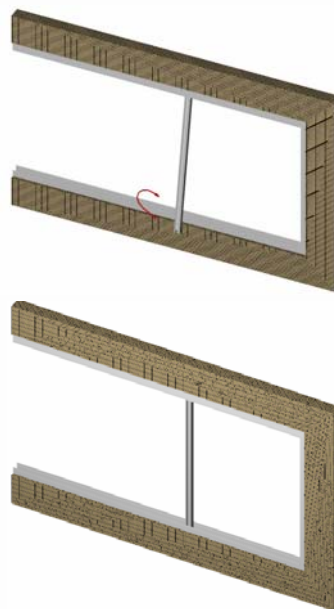
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INSTALLATION GUIDE FOR SYSTEM 655 VERTICAL GLAZING

3) Insert one system glazing channel inside the upper profile, swing it up over the lip of the lower profile and rest it within the lower profile.

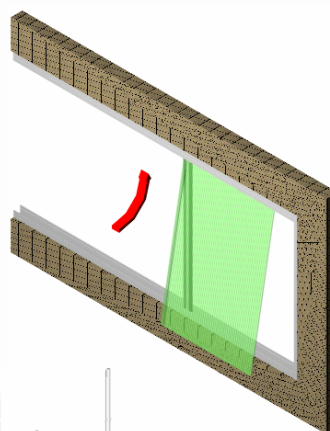


4) Cut off one hooked side of the first sheet to the required width as determined by the overall glazing run. Hand or power saws for metal or wood are suitable for cutting polycarbonate sheet.

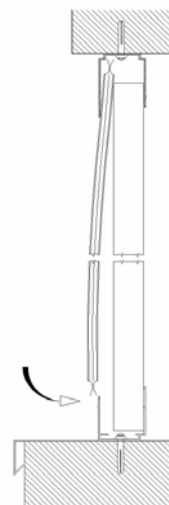


Note: take care to remove any swarf generated from within the sheet chambers and when handling cut edges.

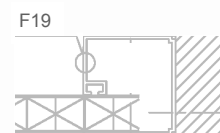
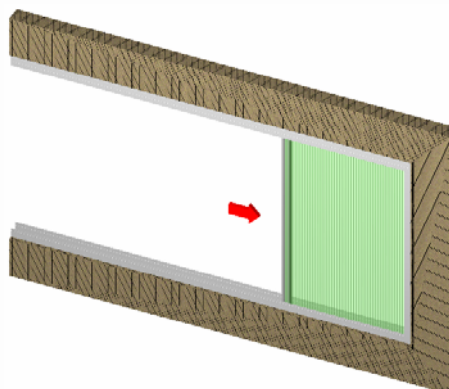
5) Take the first System 655 sheet and insert it into the first glazing channel. Push it up within the F2 upper profile and bend it slightly to clear the front lip of the F13 lower profile.



Note: check that the sheet sits on top of the inner lip of the F13 profile



6) Slide the first System 655 sheet and the first glazing channel along until the cut edge of the sheet is inside the F19 side profile.



INSTALLATION GUIDE FOR SYSTEM 655 VERTICAL GLAZING

7) Insert the next glazing channel as before and position it one sheet width away (655mm).

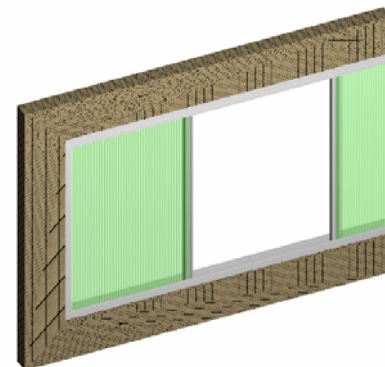
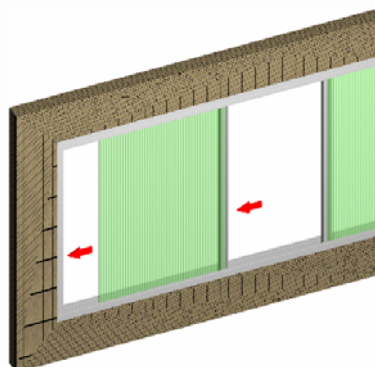
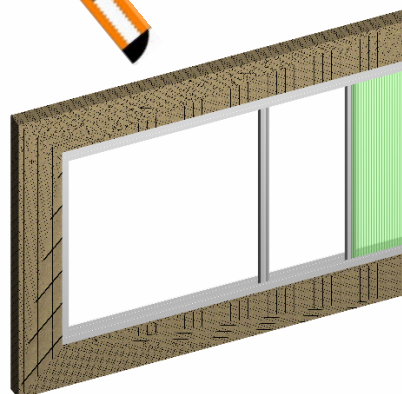
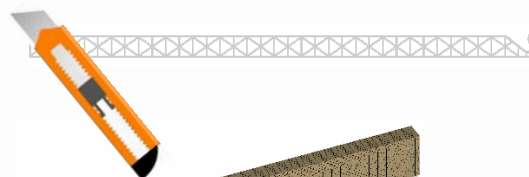
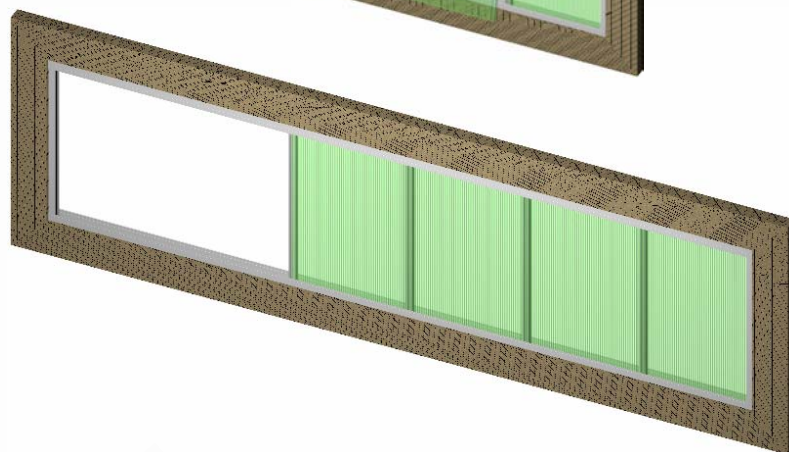
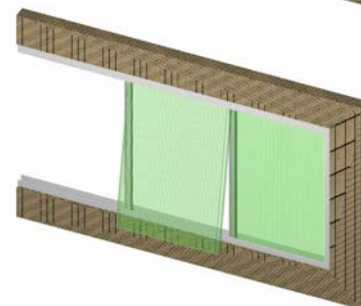
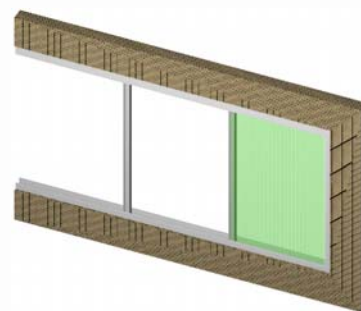
8) Next insert a full width sheet - clip the sheet into the second channel first of all, then clip the other side into the first glazing channel - use of some force will be required to engage the sheets within the glazing channels.

Proceed like this until the last but one sheet is reached. Remember to check the linearity of the glazing every 5-6 sheets.

9) Cut the last sheet to the correct width in order to suit the overall glazing width.

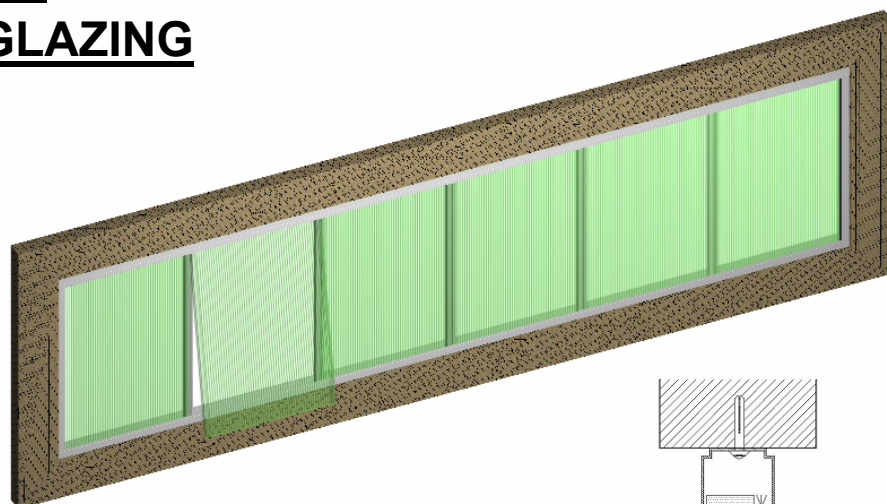
Then insert the final glazing channel into the F2 and F13 profiles.

10) Insert the final sheet into the last glazing channel, then slide the sheet and channel along until the sheet fits within the F19 side profile.



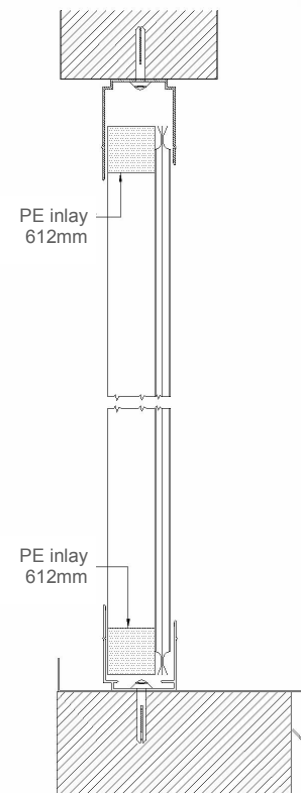
INSTALLATION GUIDE FOR **SYSTEM 655 VERTICAL GLAZING**

11) Insert the last but one sheet into the last two glazing channels.



12) To finish the installation at the top and bottom insert all the 612mm PE foam inlays which push fit inside the upper and lower profiles between the glazing channels. If access to the inside cannot be achieved after the installation fit PE inlays when inserting each sheet as you progress along the glazing run.

For specific installations and around system window frames aluminium compensation profiles can be used instead of PE foam inlays. These should be secured from within the glazing using suitable self-tapping fixings or rivets.



General Notes:

- When using standard upper and lower profile, use System 655 sheets and channels approx. 35mm shorter than the overall glazing aperture height.
- Remember to always check that sheets and channels are installed perpendicularly to the framing profiles.
- Sheets fit tightly into the specially designed glazing channels - use of force with rubber mallets/timber blocks or similar may be necessary. The channels may require some additional bracing during this part of the installation especially in the case of large spans between supports.
- In the case of taller glazing secure the System 655 channels to cross supports with suitable low profile stainless steel fixings.
- Ensure the 612mm PE inlays are installed the correct way around so a tight fit is achieved.
- If cutting sheets to length remove swarf and re-seal sheets with suitable adhesive foil tape.

The above instructions are intended for standard applications, please contact Rockwell's Technical Department for any queries relating to the installation of System 655.

ACCESSORIES AVAILABLE FOR SYSTEM 655 VERTICAL GLAZING

Top Hung Windows



Louvre Windows



Thermally Broken Upper, Lower, Sill & Side Profiles



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