

INSTALLATION GUIDE FOR SYSTEM 655 CURVED GLAZING

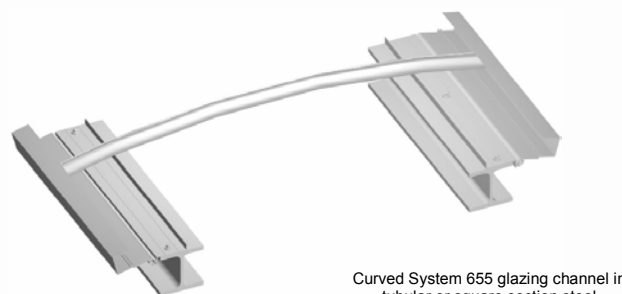
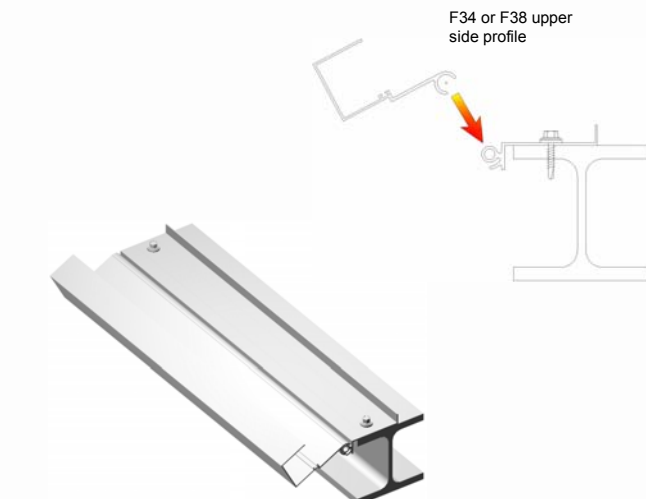
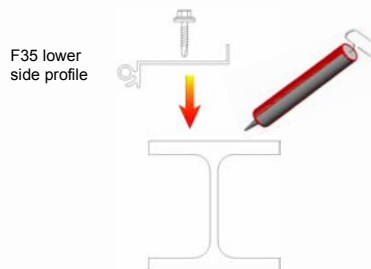
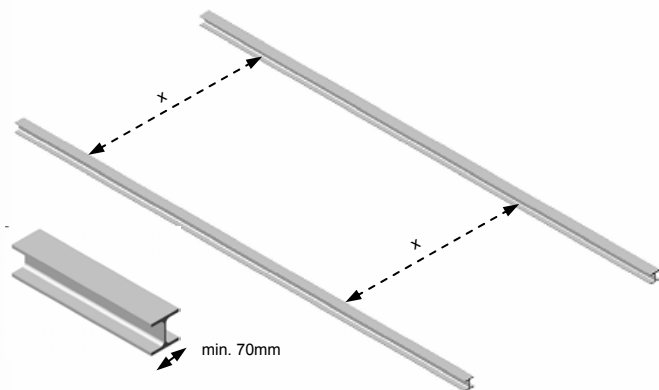
1) First ensure the linearity of the surface you wish to glaze - the kerbs must be parallel and should be a minimum of 70mm wide to support the glazing.

Position and fix the F35 lower side profile with suitable screws at max. 500mm centres.

Before placing the profile it may be necessary to apply a bead of mastic sealant especially if using a supporting structure such as brick which is not perfectly flat. Alternatively the use of thermal break packers, insulating gasket or isolating tape on top of steel kerbs can also be made during this step.

2) Onto the F35 profile fit the F34 or F38 mobile upper side profile. These are pushed on from one end and will allow some rotation to enable various roof cambers to be accommodated. If room is restricted then the F34 or F38 can be connected to the F35 prior to fixing the profile to the kerb.

3) Insert one system glazing channel inside the upper side profiles and locate it in the required position. In the case of larger spans which require the 55mm channels the steel retaining clamps should be secured during this step.



Curved System 655 glazing channel in tubular or square section steel

INSTALLATION GUIDE FOR SYSTEM 655 CURVED GLAZING

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 when handling cut edges.

5) Fix the base of the M10 or M11 two-part curved end bar at the end of the glazing run.

Locate the hooked edge of the first sheet within the first curved channel - start at one side and work along the channel bending the sheet slightly as required.

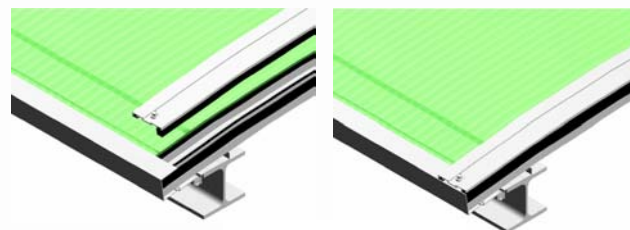
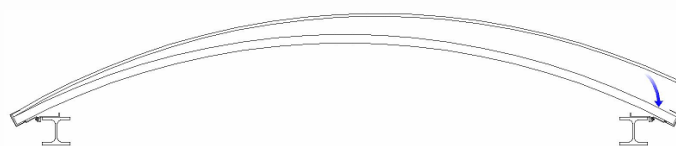
Once the sheet is in place the top section of the M10 or M11 two-part end bar can be secured. The end of the top section fits over the top edge of the F34 or F38 upper side profile.

6) Next fit the second curved glazing channel at a distance of 655mm away from the first. Then fit the second System 655 sheet by firstly putting it in the second curved glazing channel. Then force down the sheet into the first glazing channel where it locks in place next to the first sheet.

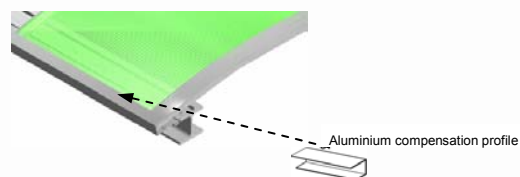
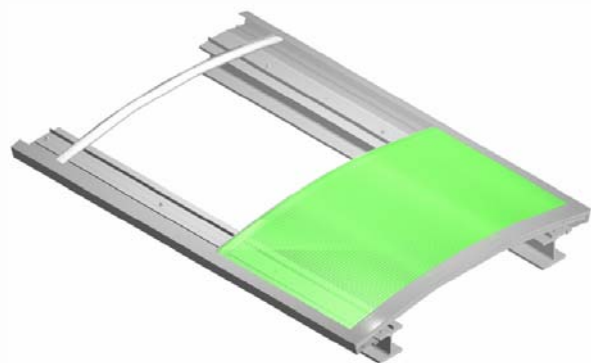
Use suitable fixings to secure the first glazing channel to the side profiles. Depending on aesthetics and access this can be done from above or below.

7) Insert the push fit compensation profile beneath the sheets within the side profiles as you proceed along the roof. If required use rivets or short self-tapping screws here to prevent the forced removal of compensation profiles.

System 655 - 16mm thick x 655mm wide multiwall polycarbonate sheet

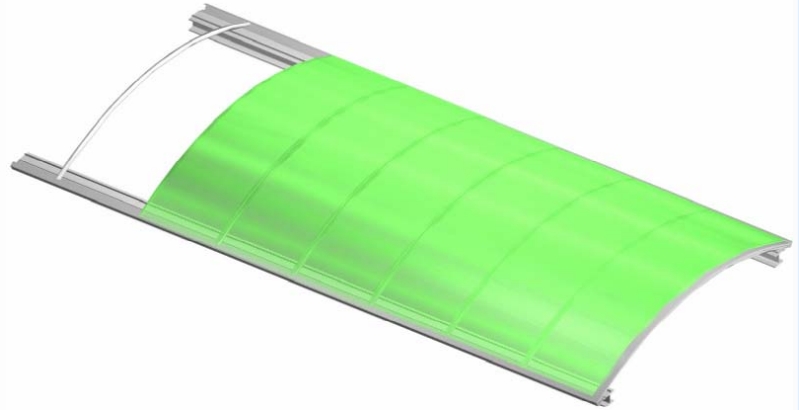


M10 or M11 two part curve end bar



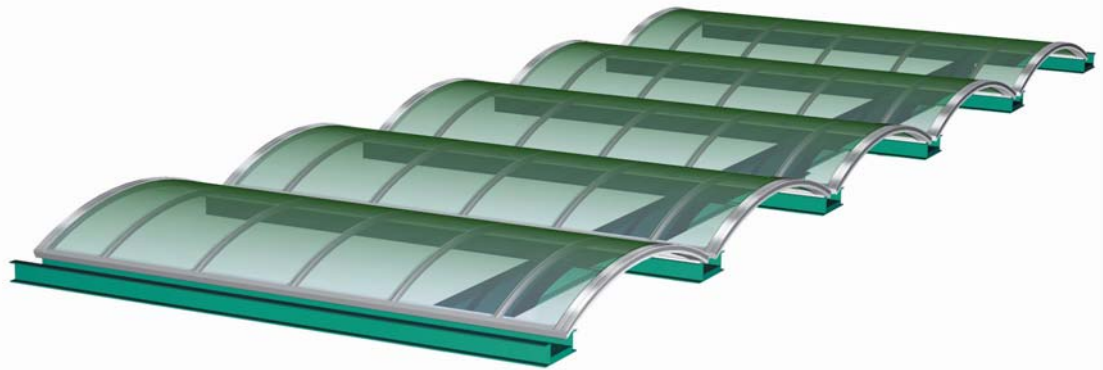
INSTALLATION GUIDE FOR SYSTEM 655 CURVED GLAZING

8) Continue along the roof fixing channels and sheets alternatively as previously described.



9) Cut the last sheet to the required width in the same manner as the first sheet. Similarly fix the base of the M10 or M11 two-part curved end bar at the very end of the glazing run.

Once the last sheet is in place the top section of the M10 or M11 two-part end bar can be secured. Fit the final compensation profiles to complete the glazing .



General Notes:

- Remember to always check that sheets and channels are installed perpendicularly to the framing profiles.
- Do not fix all the channels first and insert all the sheets after, instead proceed with securing channels and sheets alternatively.
- Sheets fit tightly into the specially designed glazing channels - use of force with rubber mallets/timber blocks or similar may be necessary.
- If cutting sheets to length remove swarf and re-seal sheets with suitable adhesive foil tape.
- If abutting a building the roof may be flashed where necessary with metal or suitable adhesive flashings.
- A range of polycarbonate or insulated aluminium header panels are available to enclosed the glazing if required.

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

Also available for System 655 curved are pre-fabricated opening sections.



Rockwell
GLAZING SOLUTIONS

Sales office:

Rockwell House, Birmingham Road,
Millisons Wood, Coventry CV5 9AZ

Fax: **01676 523630**
E-mail: info@rockwellsheet.com

Telephone

01676 523386

www.rockwellsheet.com