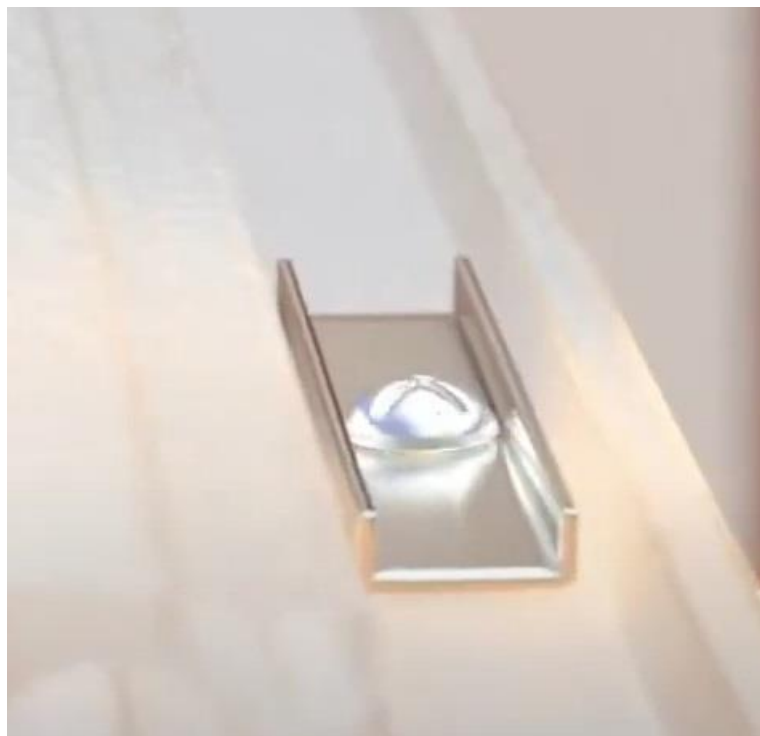


HOW TO INSTALL YOUR PERGOLA SYSTEM (CLICKLOC)

- From your first timber, your second one should be at 485 center then, Space roof timbers at 500mm centers running the same direction as the pergola sheeting.
- Join each sheet directly on top of the timber and screw every 200mm, only fit the screws in the valley, never screw into the multiwall.
- Provide additional bridging pieces between timbers for extra stability.



- Pre-drill all holes with a slightly larger drill bit head, this is for two purposes 1. To allow for thermal expansion and 2. to prevent you having to use as little additional force as possible which will help to prevent damaging the head of your screw, if you burr the head of the screw the next sheet will not interlock.
- Only fit screws in the valley (see photo below)



- DO NOT use any silicone/fix-all until the process is complete, afterwards run a layer of silicone around whole way around where your sheet meets your U-profiles and compress so that it is all the one sealed unit.

- When sealing each sheet with your sealing tape and ventilation tape it is important ~~NOT~~ to go beyond where your sheets interlock, stop the tape just before the valley where the next sheet will sit, otherwise this can have big implications with problems with the next sheet joining easily the way they should.
- Leave the protective film on the sheets until you have fitted the entire roof. This is to help prevent scoring/scrapes of polycarbonate
- When screwing down your channel washers to secure your sheet to your timber/steel **DO NOT Over screw** , as this may kink the washer, and will lead to complication's in joining sheets together. See fixing brochure of example of a kinked channel washer
- Lay your first sheet on and fix, (video link, see next page) , then with the 2nd sheet as you go to interlock with the other, just before doing so, **use a little lubrication such as warm water, do not use any other type of lubricant** on the valley of fitted sheet, this make interlocking much faster and easier.
- Please note there is only one fixing area on one side only, this side will be firmly held in place with the F-Profile. The sheets are fixed on one side only .And fix the screw ONLY in the fitting valley, and NEVER through the 16mm part of the sheet, this will damage the sheet and cause condensation and leaks in time. For example, like a double - glazed pane of glass, the double panes must never be comprised, otherwise condensation will enter and cause condensation, its much the same situation here with 16mm Multiwall Clickloc Sheet
- It is advised to use the 27mm screws with the black washer head along the exterior of the F-Profile to ensure a classy finish.
- U profile's are a simple pressure fit, no additional mechanical fix is required, and its advised to use top and bottom , bottom side being the gutter end, top side being the direct opposite end.
- If your butting against a wall, have the sheet with the U-Profile as tight as possible against the wall (**see picture attached**) then layer the All-Purpose clear silicone to fill any gap between your wall and the fitted U Profile/sheets. (Please note F Profile 'Side profile' is not fitted in this picture it was in the middle of the process when picture was taken)



- Always fit the sheets with the label side up, as this is the UV protected side.
- It is advised to use the 27mm screws with the black washer head along the exterior of the F-Profile to ensure a classy finish.

All our screws & channel washers are stainless steel, & both the F Profile & the U-Profiles are mill aluminum finish.

Please copy and paste the following link in your internet tab to watch the fixing process.

<https://vimeo.com/469784014/3d0e420e67>

Any problems or queries please contact us at 042 9376314 or info@oconnorroofing.ie