

Installation instructions for Crystalite Acrylic Sheet

1. Measure and cut the Aluminium joiner to the required length, allowing at least 30mm overhang beyond the rafter at the bottom end for the end cap. * Pre-drill your fixing holes through the center of the base piece while still on the ground at 400mm (or 300mm if in a high wind zone). Make sure to get these holes centered between the two uprights. Place the base piece onto your rafter and attach using the fixings supplied (or your own).

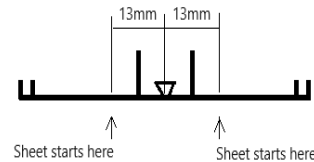
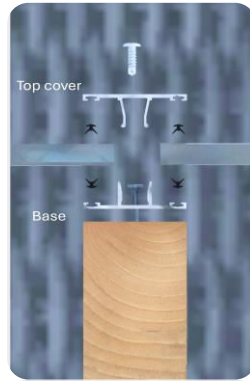


** Please note, if you are using a flashing OR back channel on the high end, you would install this first**

2. Once in place, measure and cut the Crystalite if required, allow for 3mm expansion down each side of the joiner and 3mm per lineal meter on the high end. Cut with a sharp fine-toothed saw blade. If you have the materials but have not yet worked out your sheet widths, you will need to take off 26mm from your rafter centers for the joiner gain (13mm each side). This 13mm per side allows for expansion. *For example, 646mm rafter centers less 26mm = 620mm sheet width.*

Please note there can be a manufacturing tolerance of up to 5mm so we recommend you set your rafters once you have received and measured your sheet

If you are powder coating your glazing bar and end caps you will need to drill a 3mm hole in the center of the end cap before powder coating



3. Slide the Butterfly Rubber into the 4 channels on the top and bottom pieces of the aluminium joiner. If you are using a joiner for an outside edge, you do not need to run butterfly rubber down the last outside channels, leave these free. This is where you will run the edge strip once the top cover of the joiner has been clicked into place.



4. Before placing the sheets into position, remove 100mm of the protective film on both sides which will be going into the joiner. Place the sheets into position and ensure you have a 3mm gap from the inside of the Aluminium on both sides. Place the top cover of the Aluminium joiner into the base and click into place. You will need to apply some force to fully lock the top cover in, run a length of timber along the top cover and tap into place with a mallet or hammer ensuring it is locked in evenly all the way along. Please note that you must place sheets on both sides of the joiner before locking the top cover down. Remove the remaining protective film as you go once the joiner is locked into place.



5. Once the joiner has been clicked together, we recommend fixing a stainless steel screw and bonded washer through the whole joiner every 1 meter (or 500mm in high wind areas). If you are using our joiner on both outside edges you will need to slide the supplied edge strip into the outside edge of the joiner before screwing the cap on. Fit the supplied 50mm end cap over the end of the joiner. This must be fixed with a single screw through the top.



6. With a hose, give the sheets a spray down from the top to clear away any dust and debris from the installation process.