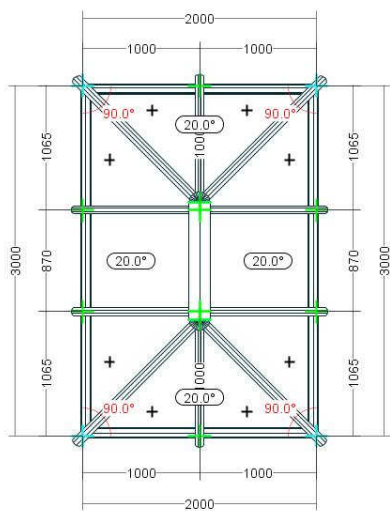


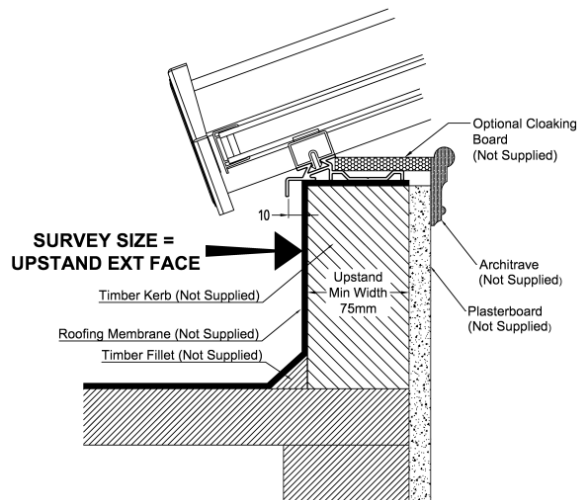


Installations Instructions

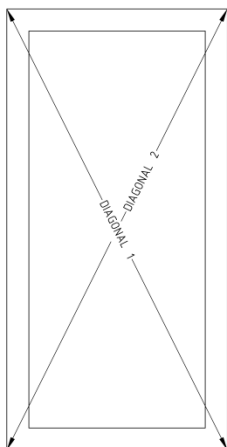
Before unpacking the Skypod roof, examine the supplied layout drawing as shown below, the layout will be located in the ancillary box. Ensure the dimensions of your host building are correct to the supplied Skypod, the dimensions shown on the plan are to the external face of the supporting upstand. The Skypod ring beam allows a 10mm tolerance per face if the overall width and length of the upstand perimeter are oversize. The upstand corners should also be square, check the difference between the diagonals to check to see if the ring beam overhang will need adjusting around the perimeter.



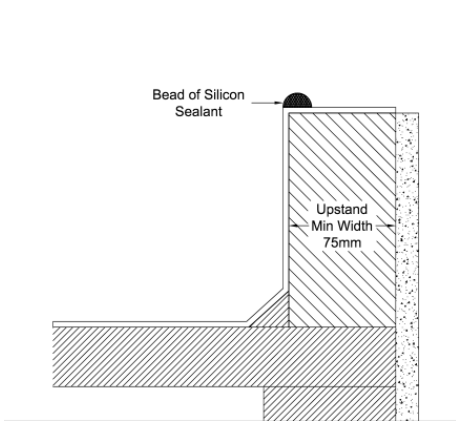
A. Example of Skypod Layout drawing



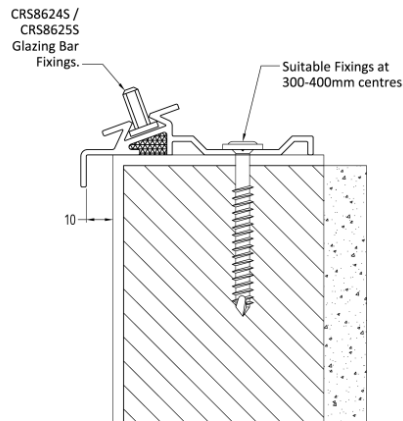
B. Typical upstand (Kerb) detail



C. Check diagonals to ensure the kerb is square.



1. Ensure Kerb is clean and free from debris, then run a silicon bead around the external edge as shown above.



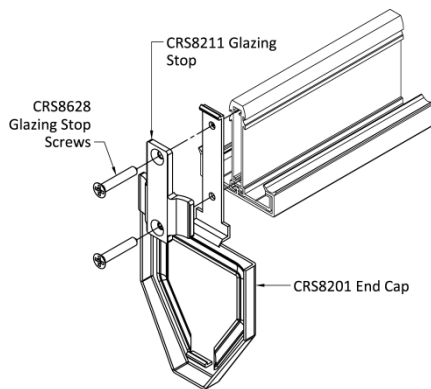
2. NOTE: Ensure correct amount of glazing bar fixing studs are slid into ring beam before any fixing commences. Position ring beams so equal over hang is achieved around perimeter and fix using suitable 5-6mm fixing at 300-400mm centres starting and ending 100mm away from internal corner of ring beam.



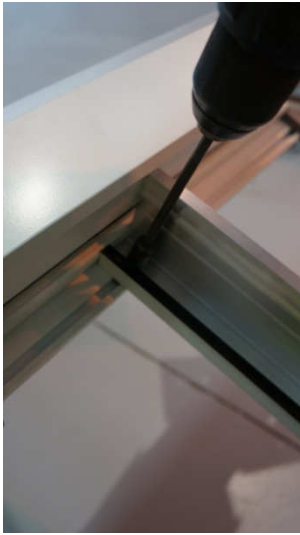
4. Fix the adjacent ring beam ensuring the joint is tight, remove any excess sealant and secure corner using steel corner cleat with 4-off 4.8x25 LG screws (supplied).



3. Run a bead of silicon sealant along the edge of ring beam to seal the corner joint.



5. If access to the bar ends is limited, it is advisable to fit the glazing stops and end caps as shown above before fixing rafters to the ring beam, you can then proceed to loosely secure the side rafters to the ring beam using the threaded studs located down the ring beam.



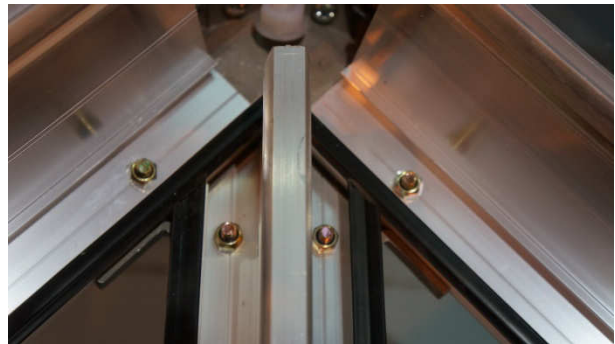
6. Supporting the ridge, the rafter bars can be secured to the ridge using the threaded studs. Once opposing rafters have been secured the ridge should be self supporting.



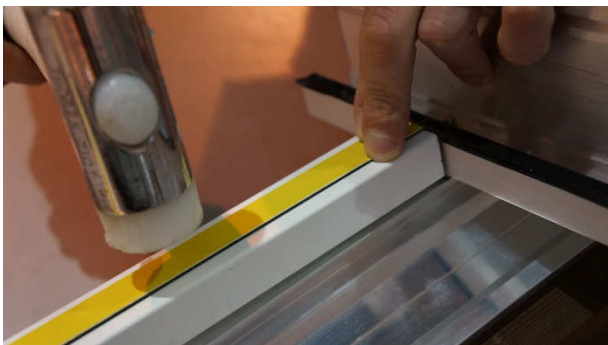
7. Using 2 x CRS8624S Single studs secure each hip to the spider casting. The body of the stud should locate between the retaining ribs on the lower casting face to stop the stud from spinning.



8. Locate the hips onto the external ring beam corners and secure using fixing studs.



9. Fasten the central rafters to the spider using 1 x CRS8625S Double stud. (If jack rafters are present refer to additional information at end of guide)



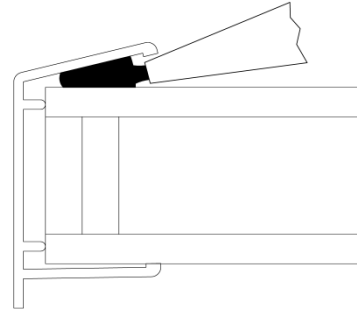
10. If not already fitted, clip in the eaves beam seals between the rafters and hips using a nylon mallet. Check the rafters are all square and then tighten all stud nuts.



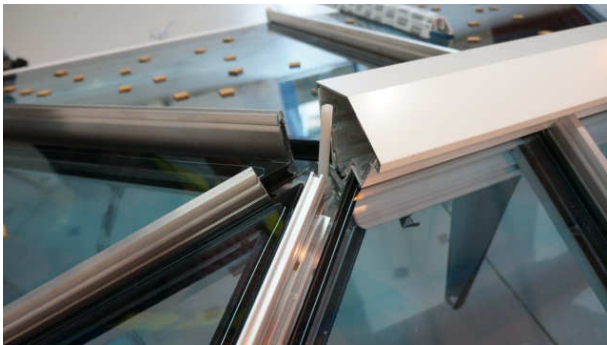
11. Locate the nylon bar through the spider and lock off using nuts and washers either side of the spider. The nylon bar should sit 5mm below the crest of the ridge profile.



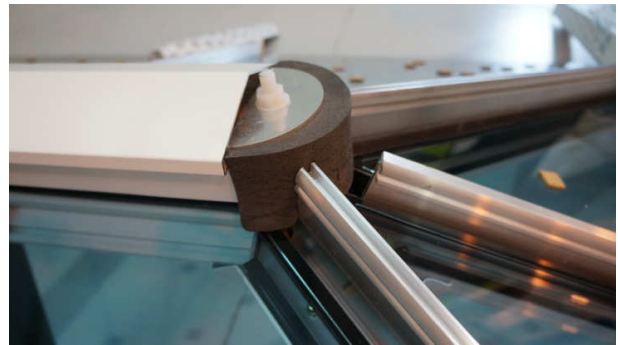
12. Position the spider bottom cap and fix using decorative boss onto nylon threaded bar.



13. Fit the glazing end closures to the glass and run a bead of sealant between the profile and top pane of glass as shown above. **ONLY** use compatible sealant with self cleaning glass, Soudal SMX 506 is recommended and available from Eurocell Branches.



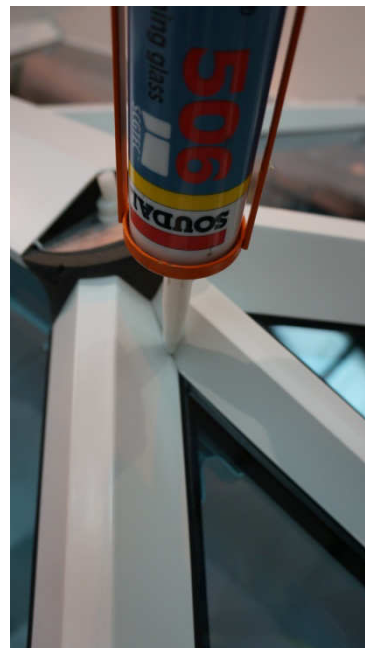
14. Peel back two inches of eaves beam seal tape and fold to the outside, Insert glazing ensuring equally coverage and the glass is resting onto glazing stops.



15. Fit the foam bung and clamp plate and tighten M10 nut until the foam is firmly pressed down onto glazing.



16. Fit the rafter and hip top caps using a nylon mallet and seal around perimeter of foam bung. **ONLY** use compatible sealant with self cleaning glass, Soudal SMX 506 is recommended and available from Eurocell Branches.



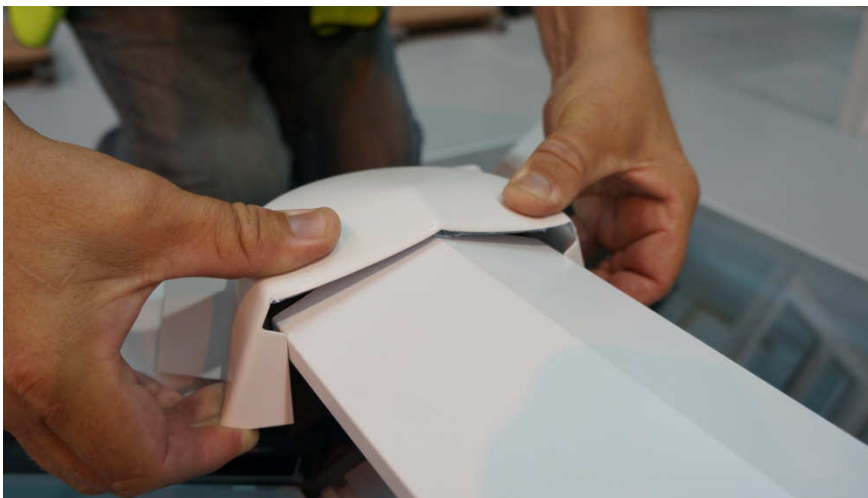
17. Seal the rafter top cap to hip top cap from the gasket intersection to foam bung, also around any rafter top caps to ridge glazing seal. **ONLY** use compatible sealant with self cleaning glass, Soudal SMX 506 is recommended and available from Eurocell Branches.



18. Using a suitable high grab adhesive sealant, run a small bead on the perimeter edges and a larger bead further inboard as shown.

Recommended sealant Soudal Fix All Super Clear, available from Eurocell Branches

NOTE: Do not run the sealant to the bottom edge around the hip/rafter area to ensure the sealant does not touch the glass. Always ensure hands are cleaned as to not contaminate self cleaning glass.



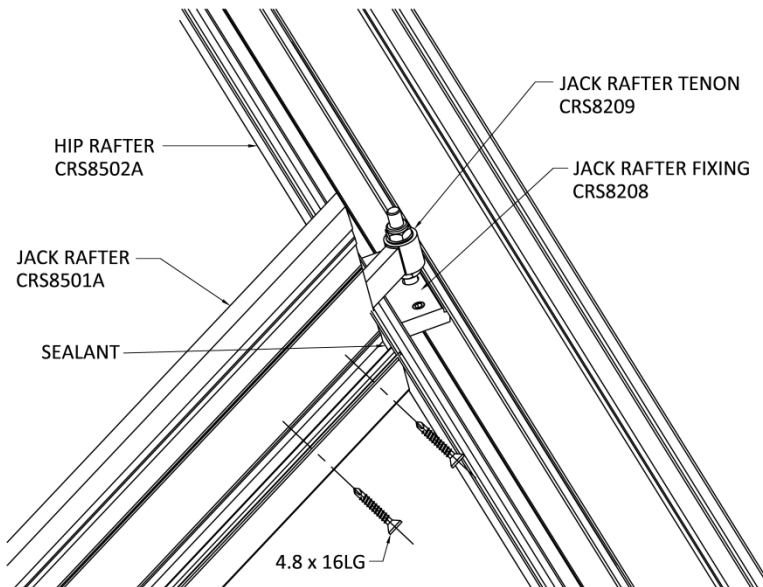
19. Splay the top cap and lower onto ridge whilst checking the capping is positioned correct over the rafter and hip top caps. The capping returns should clip under the ridge profile.



20. Ensure capping is seated down correctly and remove any excess sealant from all edges.

Additional Information

Jack rafter installation



1. Locate Jack Rafter tenon onto Jack Rafter fixing bolt and adjust lower nut to align gaskets then tighten top nut. Seal the Jack Rafter internally to the Hip.



2. Seal Jack top capping joints. ONLY use compatible sealant with self cleaning glass, Soudal SMX 506 is recommended and available from Eurocell Branches.