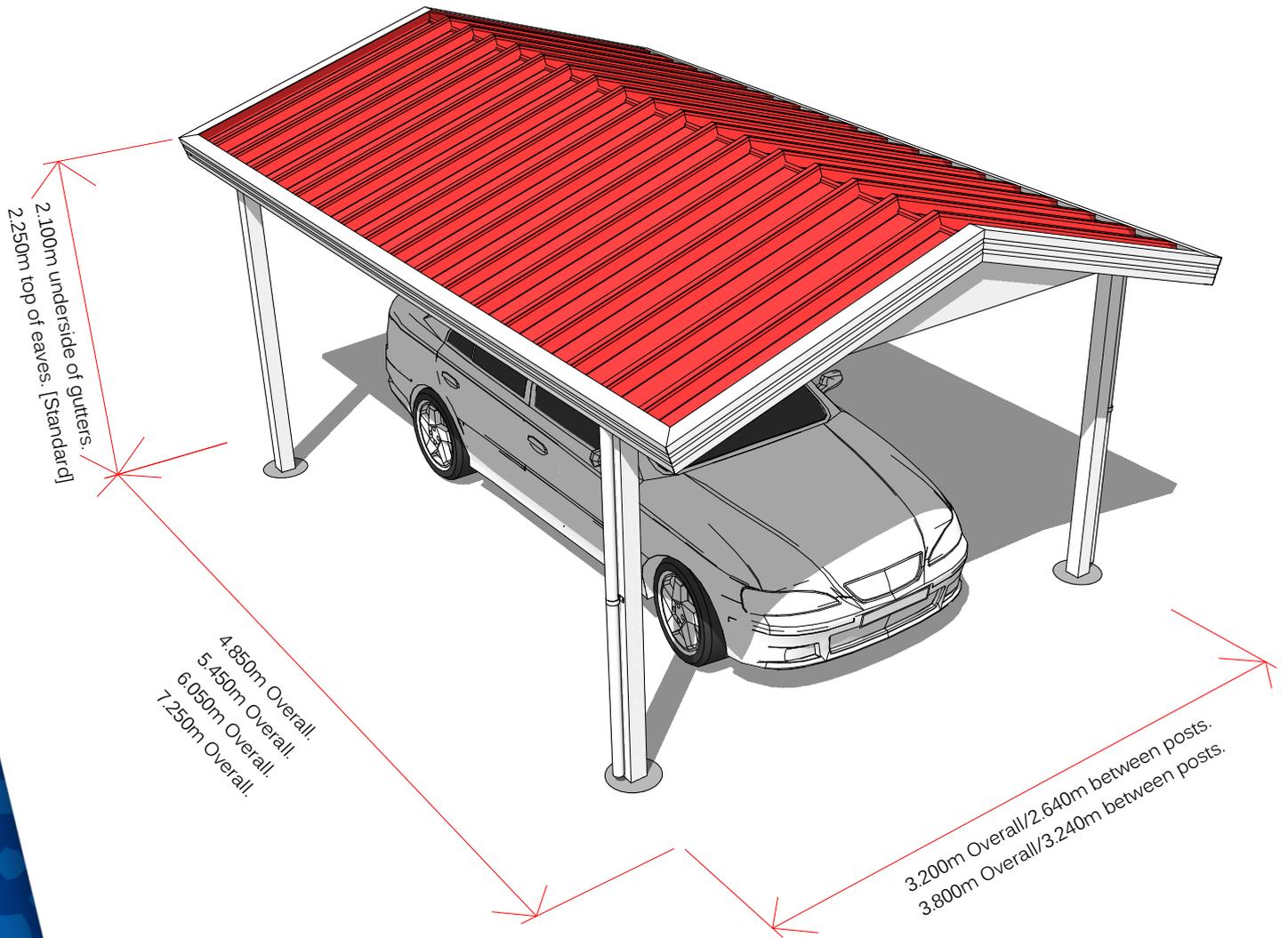
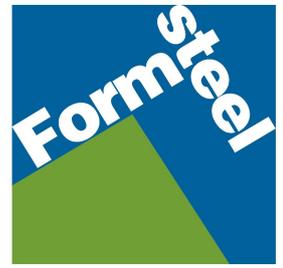


35 YEARS
OF BUILDING
TECHNOLOGY



Single Gable Carport Assembly Instructions

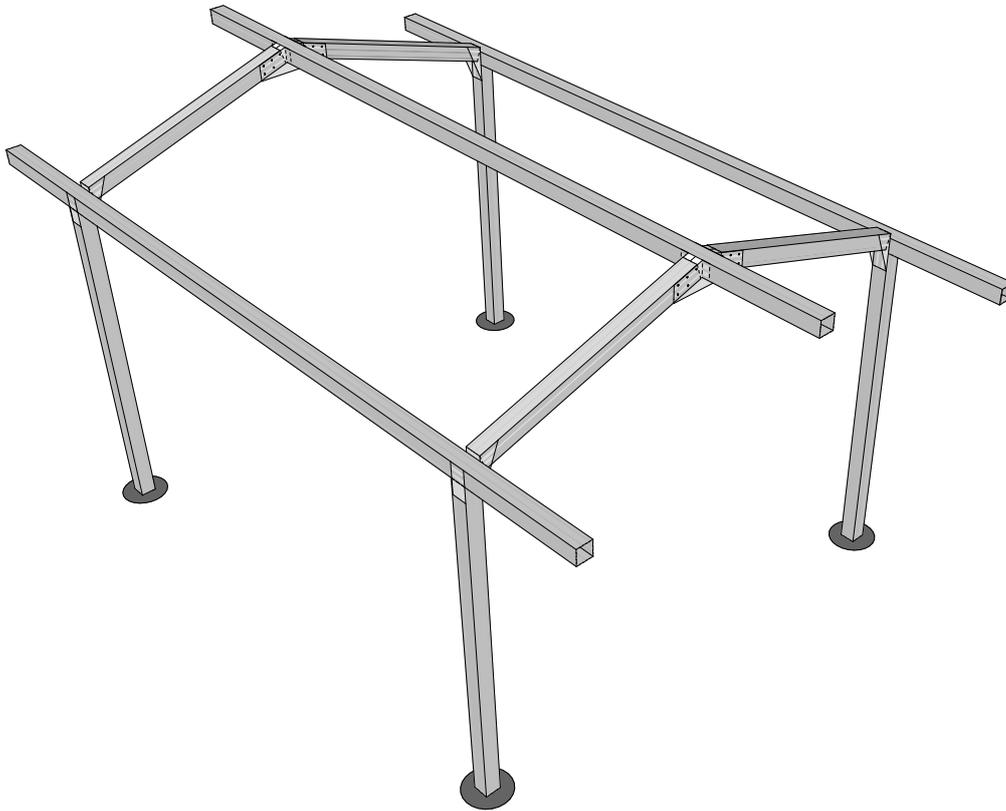
CLASSIC CARPORTS DURABILTY STATEMENT

Reference the NZ Building Code Section B-2 Durability.

Classic Carports should have a durability of 25 years if fixed, assembled and erected in accordance with the manufacturer's instructions. The following maintenance requirements form an essential part of this durability statement.

1. Posts: Shall be painted at five years, then every subsequent five years using a paint system recommended by a recognised quality paint manufacturer.
2. Gutters and Downpipes are to be cleaned at intervals of four to six months per year, specifically after autumn leaves have fallen.
3. The underside of the roof MUST be thoroughly washed with clear water at least annually.
4. Volcanic Ash Fallout: Any such fallout must be removed from roof and gutters as soon as possible using a hose and soft brush and copious quantities of clean water. Ensure any resulting debris is removed from gutters.
5. Within 2km of the coast, wash down roofing (especially underside) gutters and Posts on a quarterly basis (once every 3 months), using a hose and soft nylon bristled brush. In this environment it is necessary in the event of a storm to wash the underside of the carport as soon as possible afterwards, since highly corrosive salt deposits will accumulate and cause a rapid deterioration (particularly on tension bends on the underside) of the protective coatings of the steel product.
6. It is recommended in severe industrial or coastal environments that any unpainted surfaces be painted using approved surface preparation and a suitable painting system as specified by the paint manufacturer. Also, over painting for aesthetic reasons will greatly extend the ultimate life of the product.

Building Instructions



Order of construction

Remove any protective plastic wrap from coloursteel items before fixing in place.

Erect posts square according to column layout.

Fix framing as shown to the left. [And refer to details]

Lay purlindek roofing on top of frame ensuring that all sheets are the same way around. [See bottom of the page]

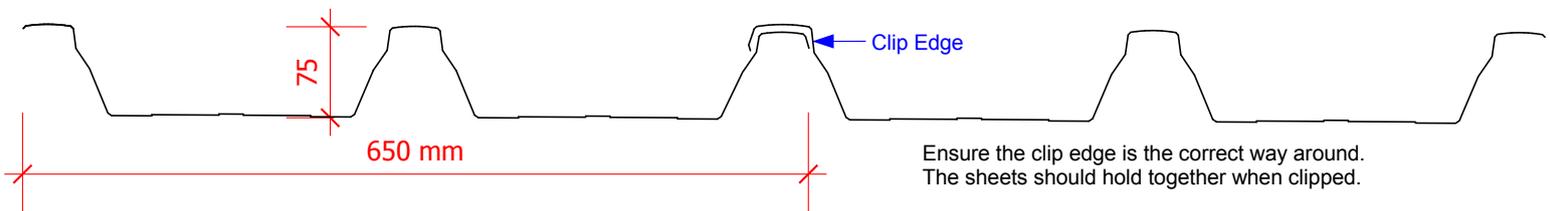
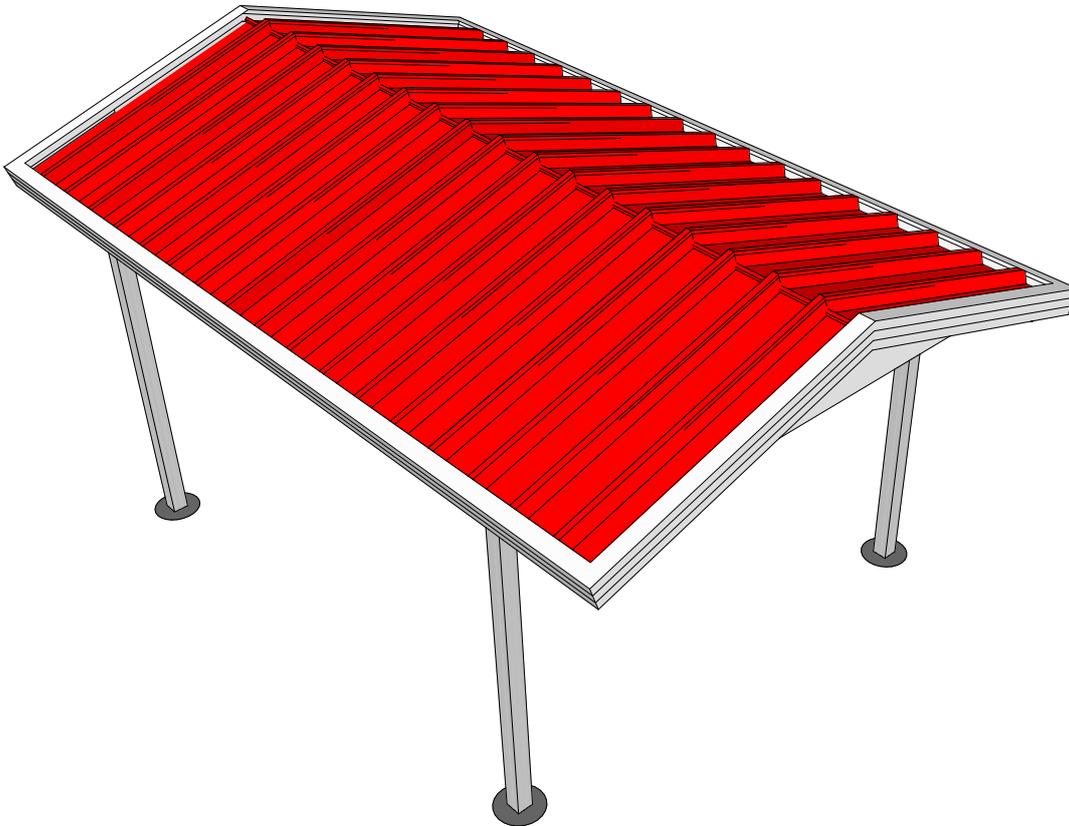
Do not fix roofing in place until all sheets have been layed and positioned correctly.

Temporary propping is recommended to reduce deformation during fixing.

Clean away swarfe throughout the construction process. Dont wait until the end to do it.

Put together fascia ends and fix in place with corner gussets. Ensure ends are erected square.

Fix gutters on last, not forgetting about the downpipe positions. Cut a hole through gutter, rivet PVC dropper in place, seal with silicone.



Ensure the clip edge is the correct way around. The sheets should hold together when clipped.

Post Foundation Details

Peg out the overall carport size (see below)

Accurately measure off post positions. (Measurements are shown to outside perimeter of posts.)

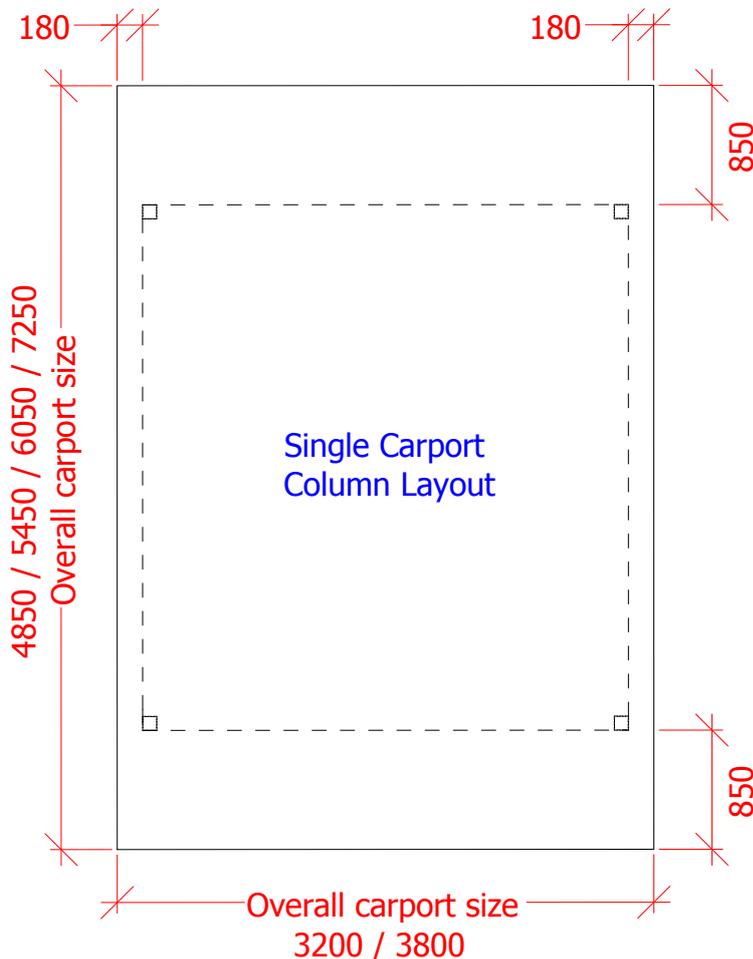
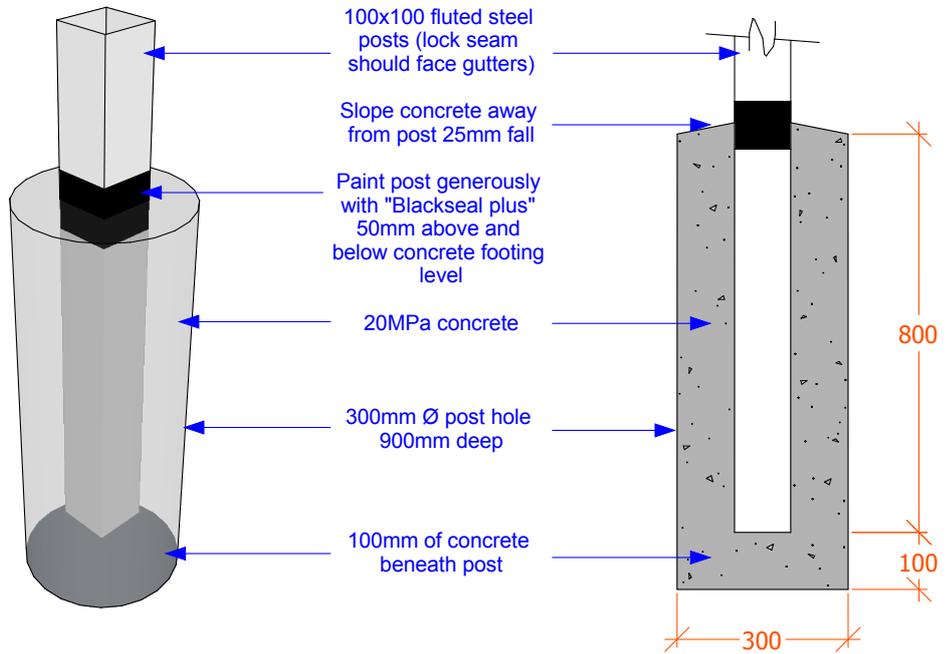
Dig holes 300mm Ø and 900mm deep.

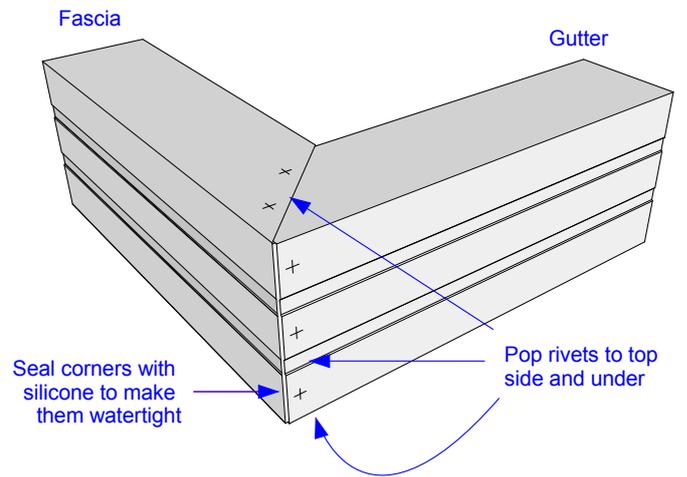
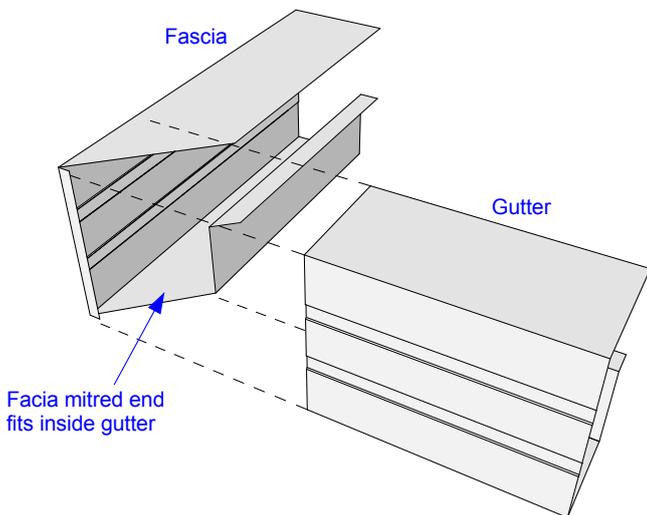
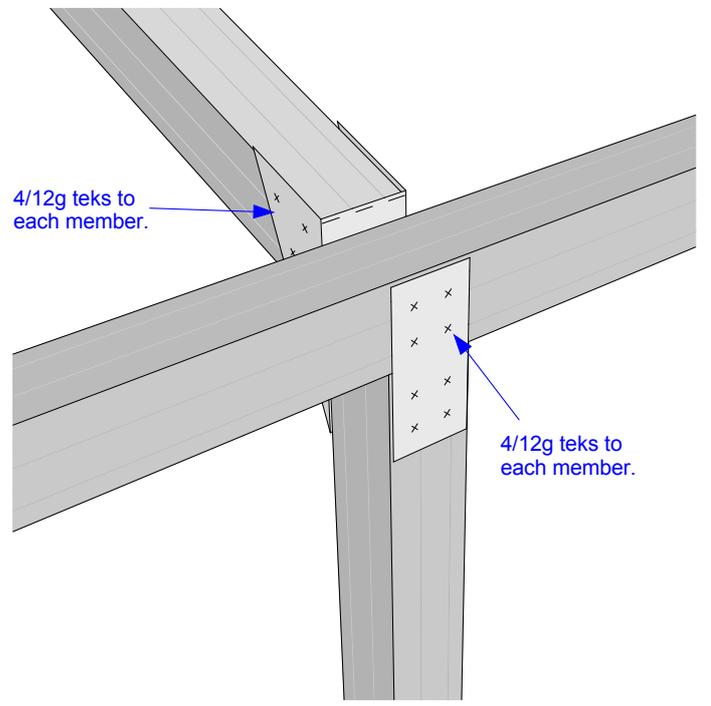
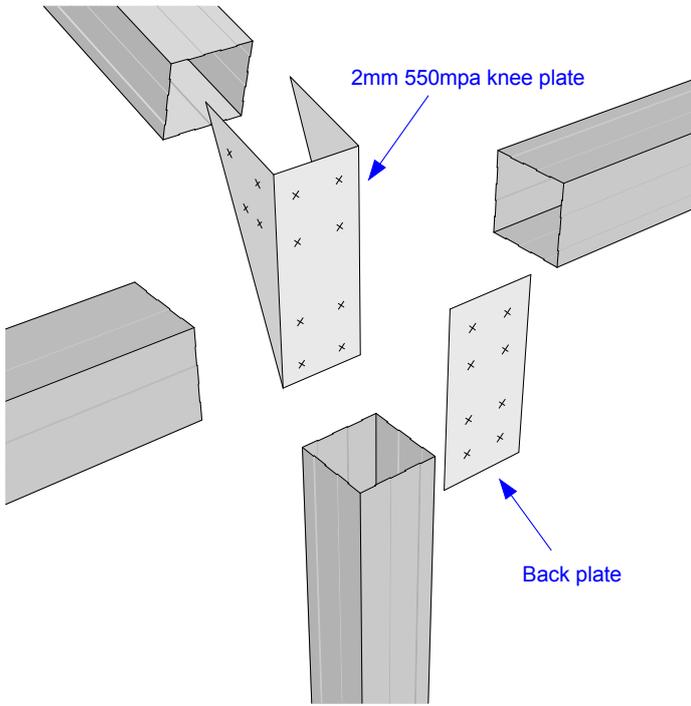
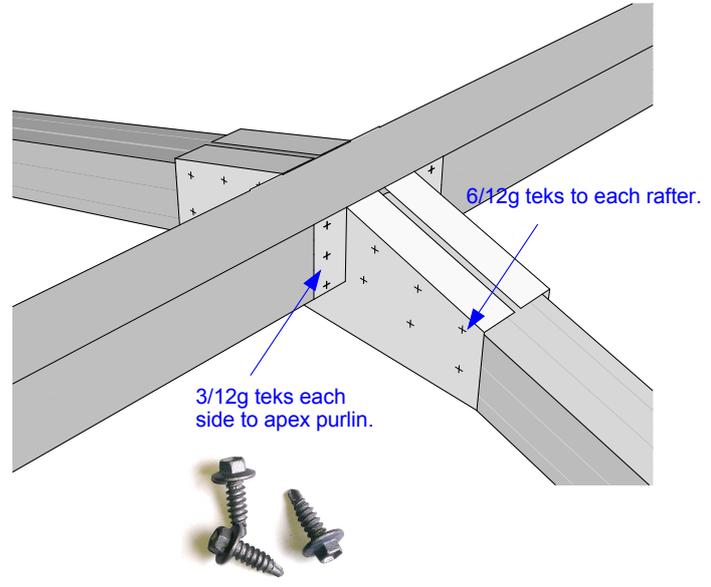
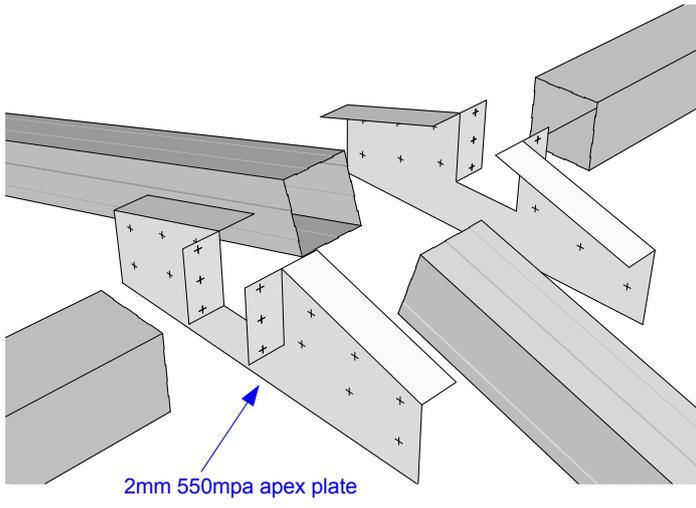
Apply "Blackseal plus" (a bitumen concrete waterproof membrane) to the posts, 50mm above and 50mm below the concrete level interface to protect posts against corrosion damage. (Cleaning area with an alcohol based solvent is recommended prior to application)

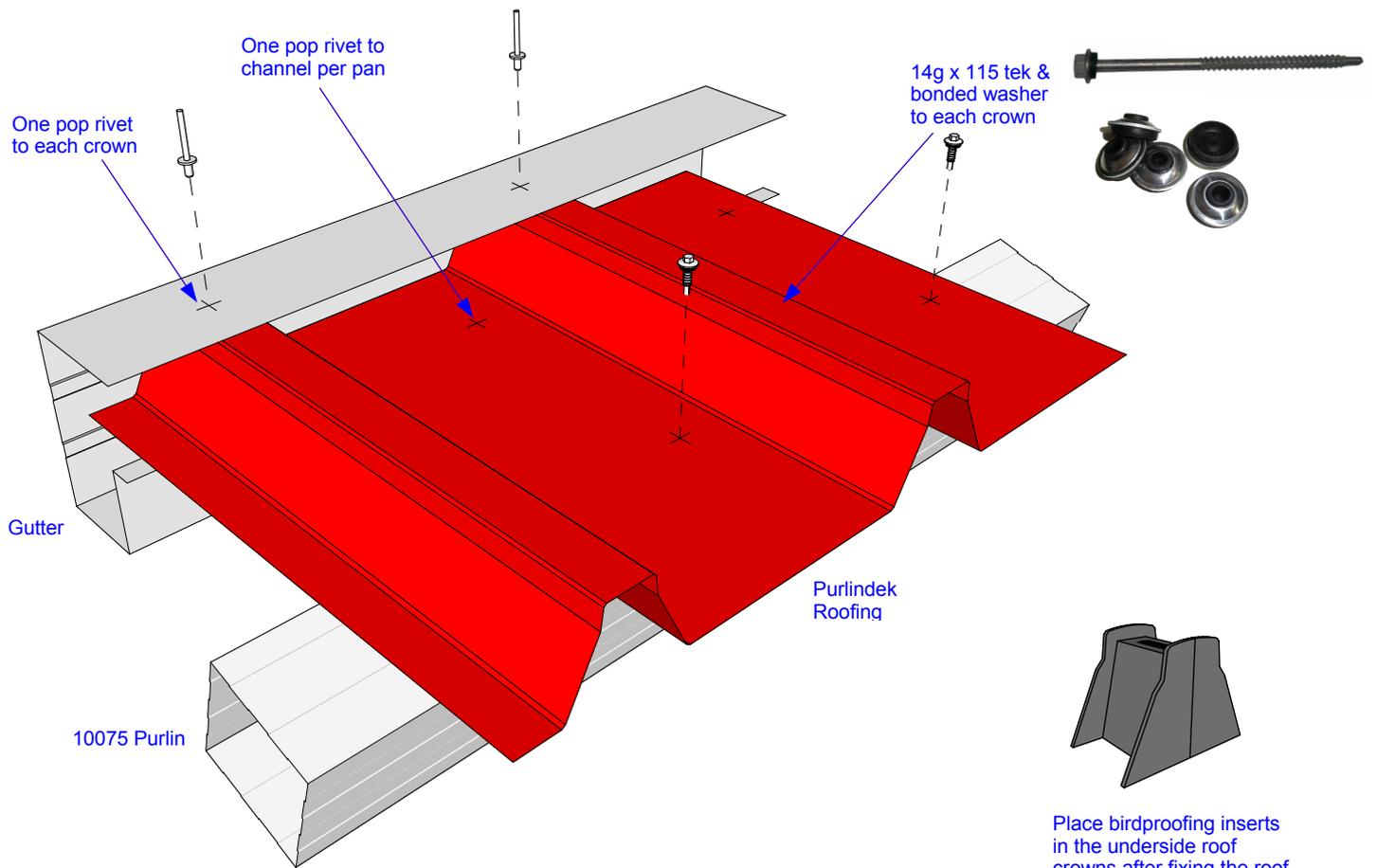
Position posts with correct vertical alignment and brace for stability. Use one post for a datum height and work off that to arrive at the heights of the other posts.

Double check the posts are straight and the locations are correct then pour concrete around posts and trowel to a smooth finish with a 25mm gradient.

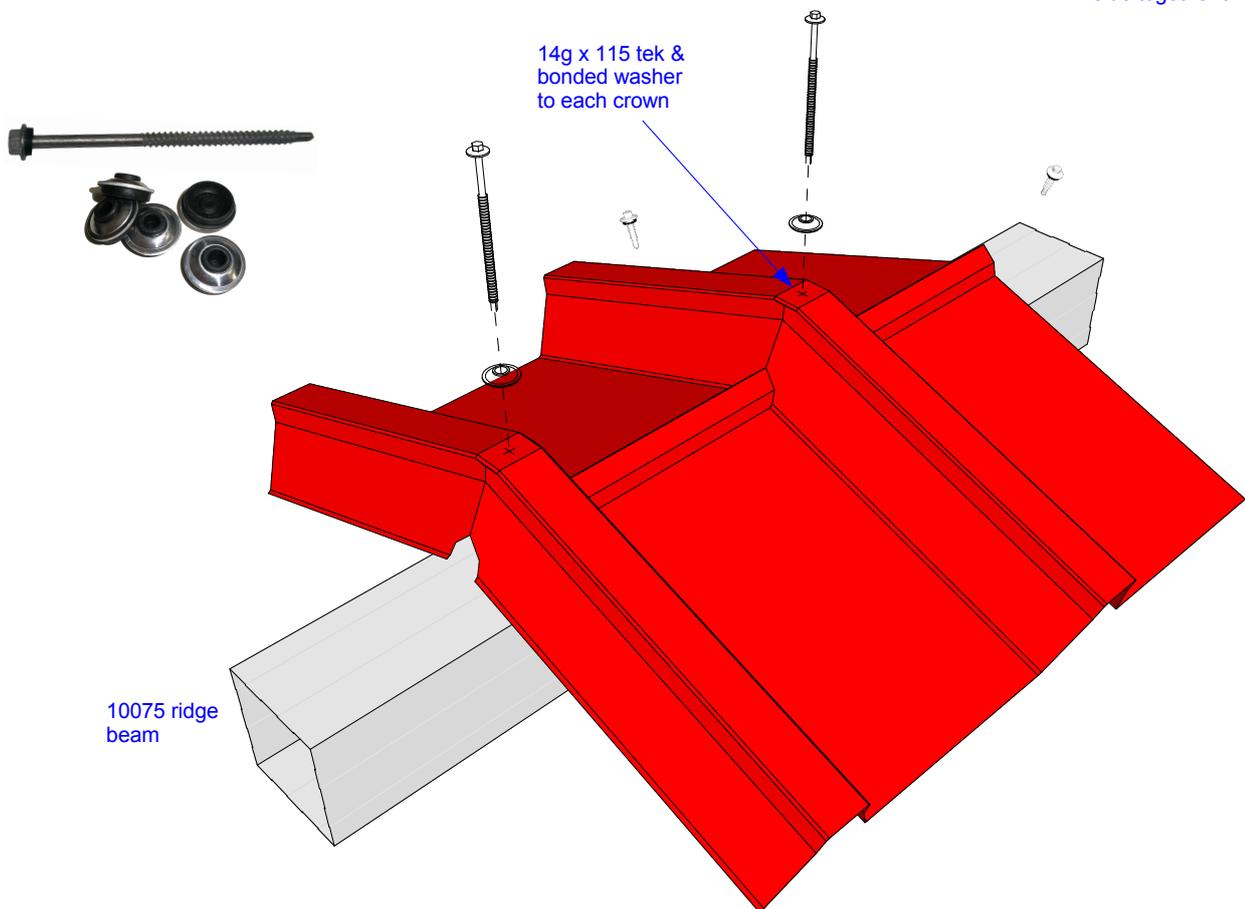
Where posts have a height greater than 3.0 metres above ground, (or for optional extra strength) posts are to be filled with coarse grout with a maximum aggregate size of 9mm (crusher dust), one part cement to four parts aggregate with no sand and a D12 bar full length of post. (Complying with NZS Masonry Construction Materials & Workmanship)

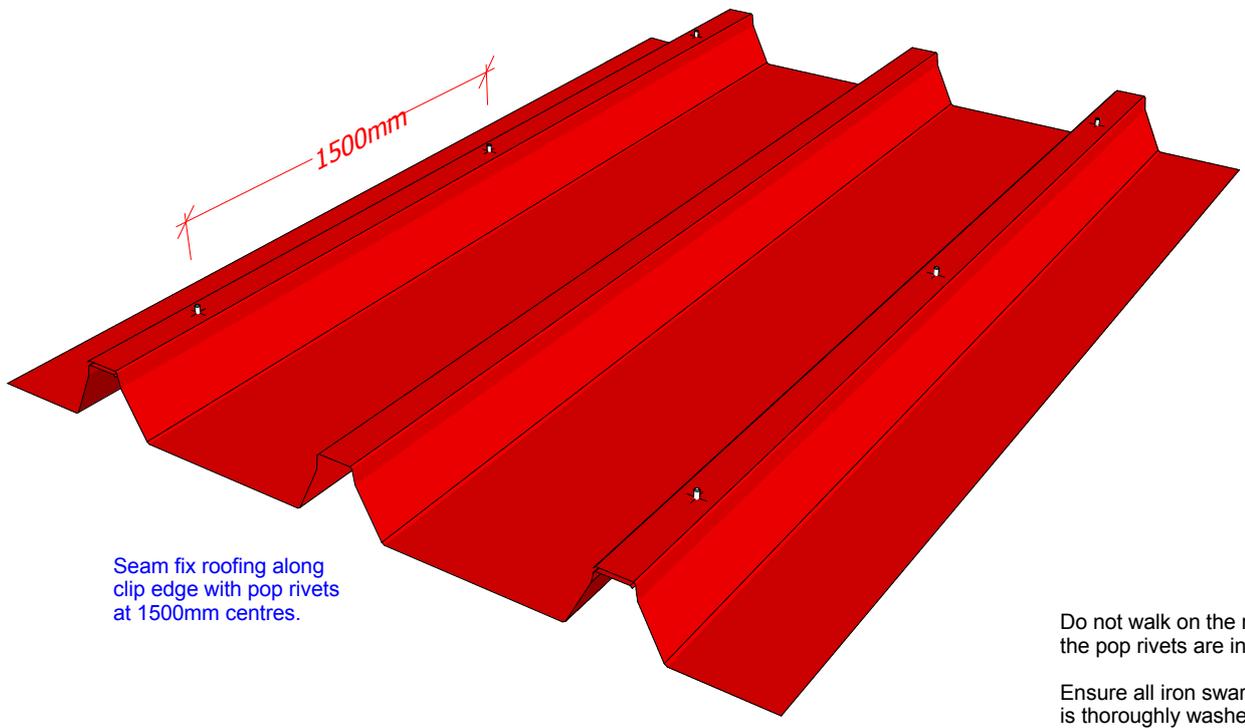
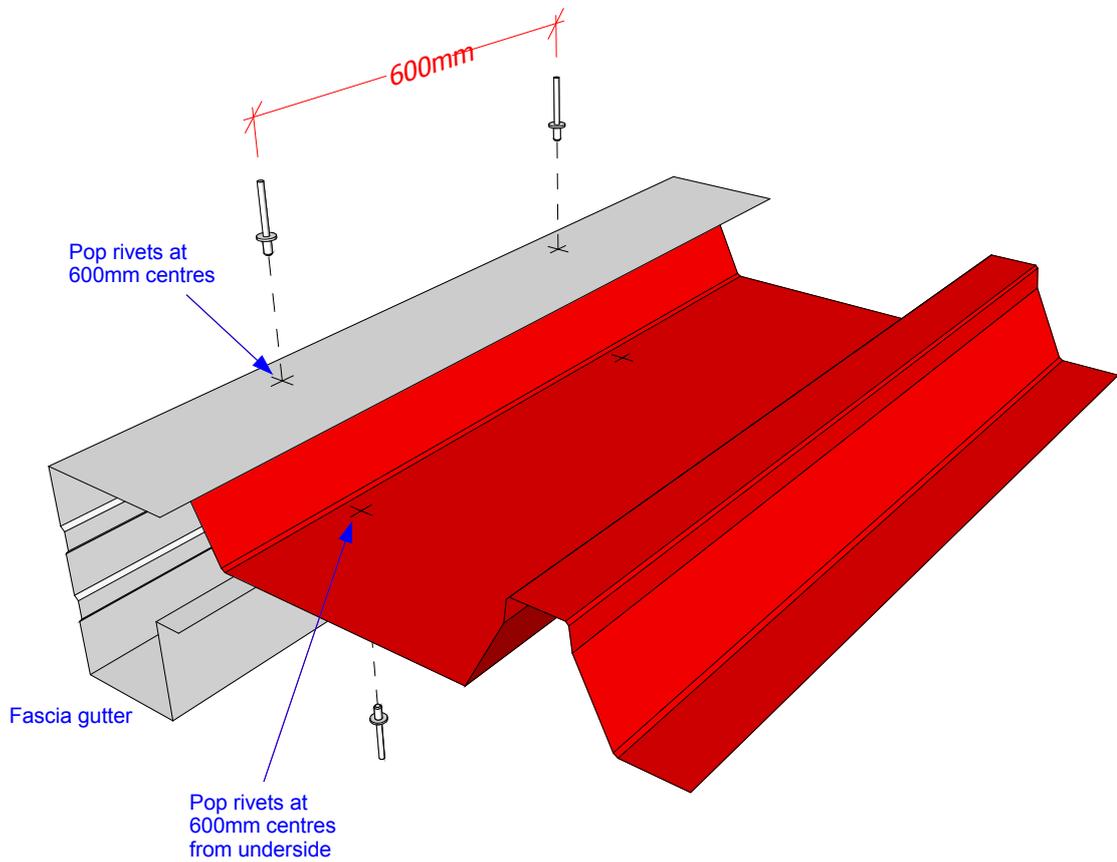






Place birdproofing inserts in the underside roof crowns after fixing the roof down. (Squash the open side together and push in.)



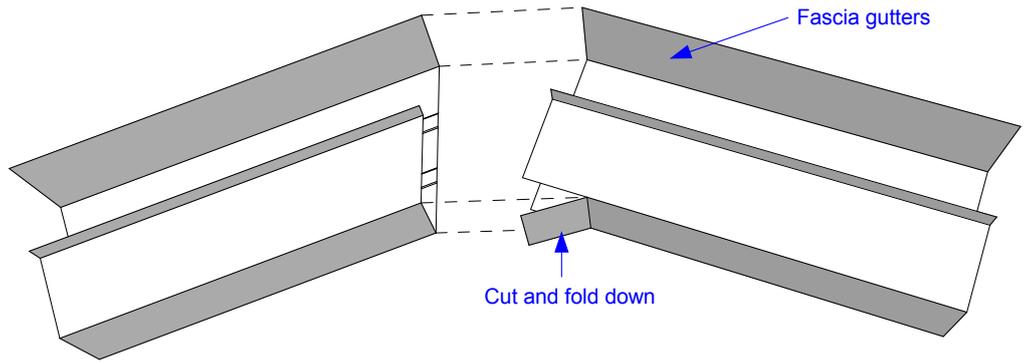


Do not walk on the roof until all the pop rivets are in place.

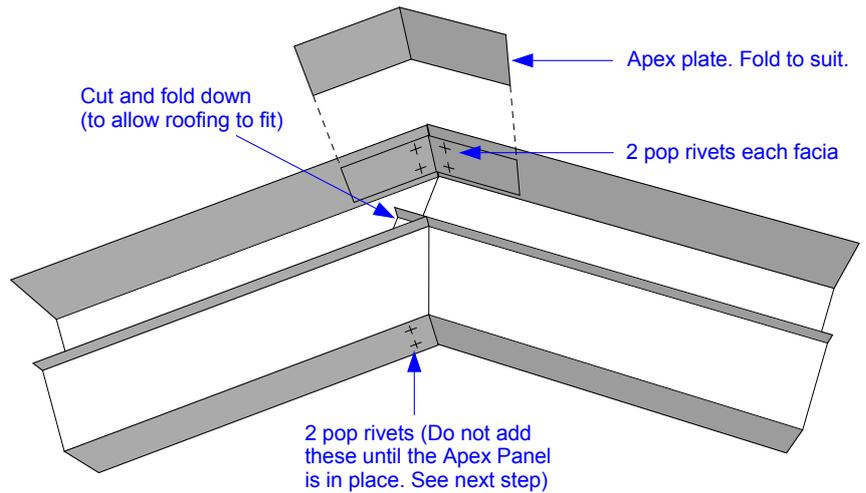
Ensure all iron swarf from drilling is thoroughly washed off the carport. Any iron filings or swarf will quickly cause discolouration of your carport.

Facia Detail

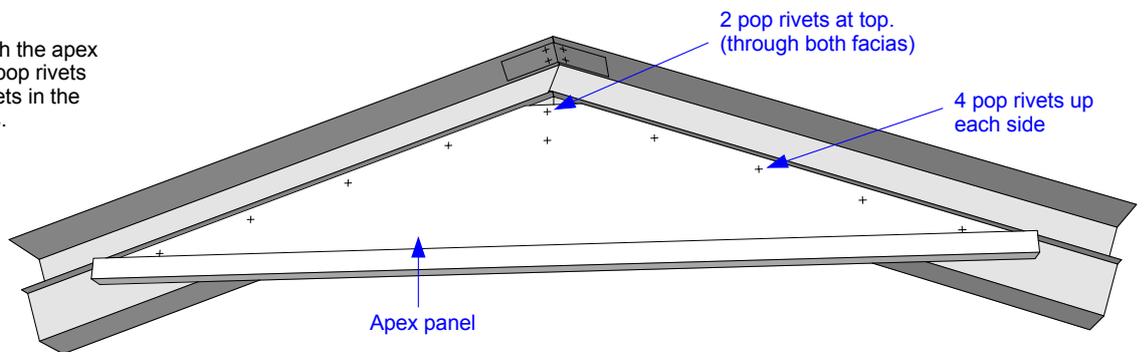
Bring together two fascia gutter as shown. Trim as shown.



Attach apex plate to the top of the fascia gutters. 2 pop rivets to each fascia. Trim leftover (shown red) and fold down to allow roofing to fit.



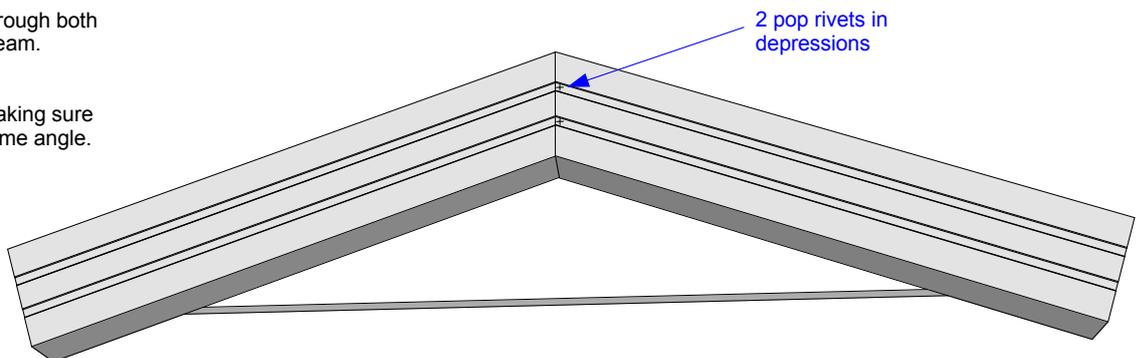
Adjust fascia gutter angle to match the apex panel exactly. Fix in place with 4 pop rivets to each fascia gutter and 2 pop rivets in the centre through both fascia gutters.



Turn over and use 2 pop rivets through both fascias to achieve a strong apex beam.

Repeat steps for the other end making sure that both ends share the exact same angle.

Clear away all iron swarfe to prevent future corrosion.



IMPORTANT

CARPORT ERECTION

- 1.** Temporary propping at the centre ridge beam is highly recommended to reduce deformation during the construction process.
- 2.** Under no circumstances is the roof to be walked on until erection is complete, and then only when necessary to carry out maintenance.
Step only in the pans NOT on the crowns
- 3.** All Pop-riveting to be done from underneath the carport or using a ladder adjacent to the carport only. Ensure fixing centres match the applicable construction details.
- 4.** Where posts have a clearance height greater than 3.0m above ground, they are to be filled with course grout.
(See post foundation details page)
- 5.** Ensure all iron swarf from drilling is thoroughly washed off the carport. Any iron filings or swarf will quickly cause discolouration of your carport.