

Tools Required:

- Ladder
- Knife
- Tape Measure
- Level
- Safety Glasses
- Drill
- Stringline
- Marker Pen
- Second Person for Assembly

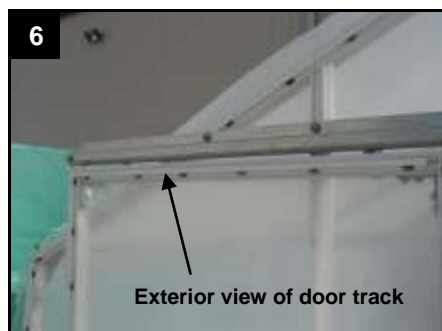
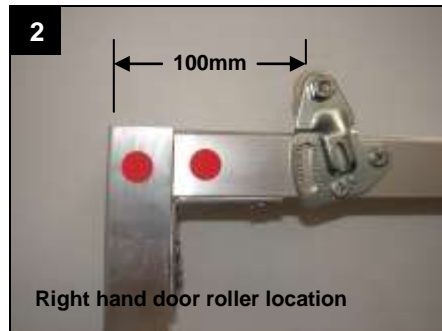
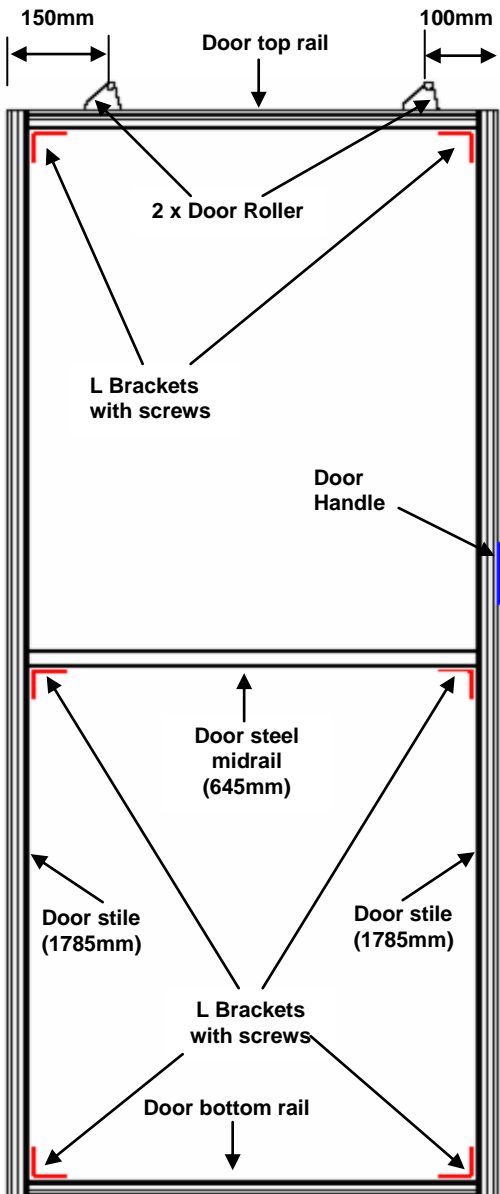


Step One

Watch CD and read instructions provided – if you don't have access to a computer, please contact us and we will send you a DVD version..

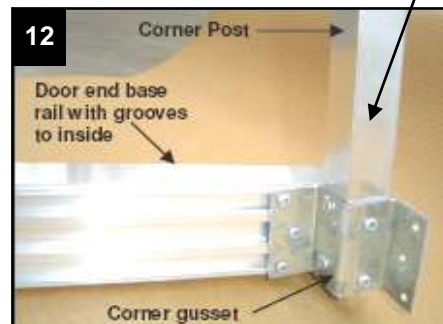
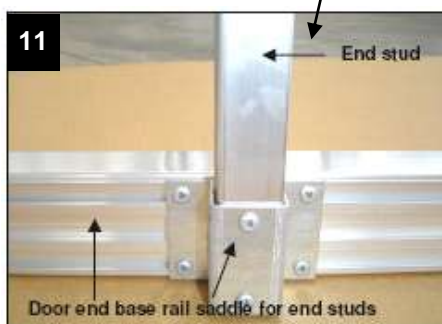
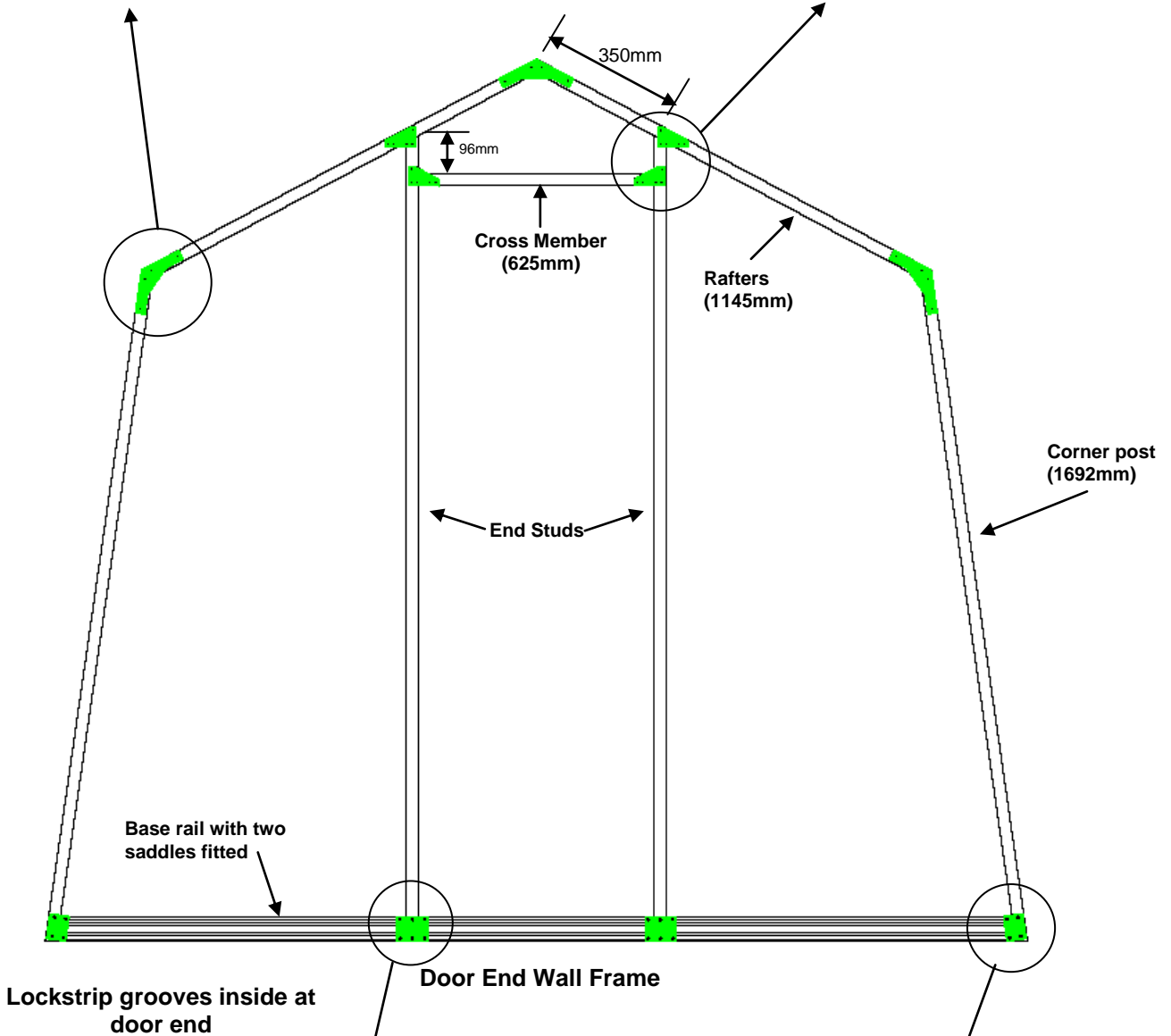
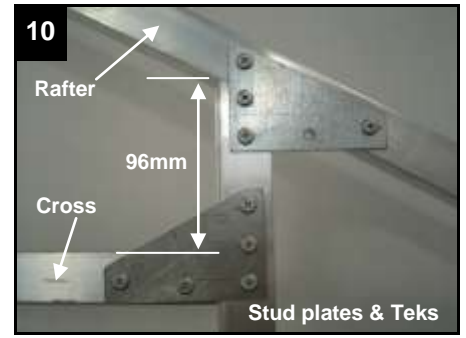
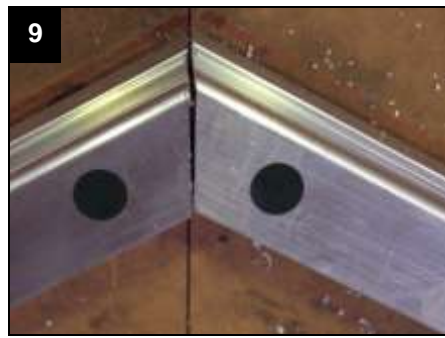
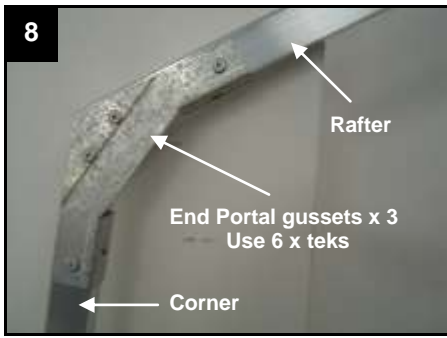
Step Two **Door**

Using all of the parts marked with the red label, assemble the door as shown below (**Red labels** face up).



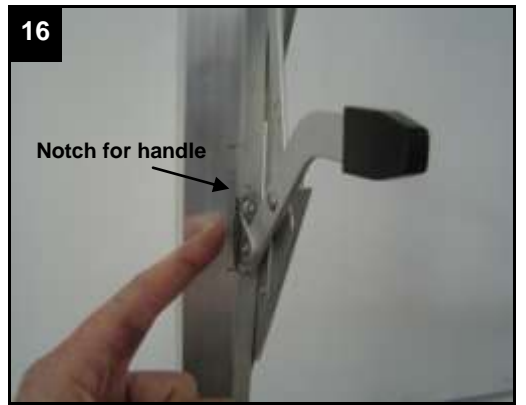
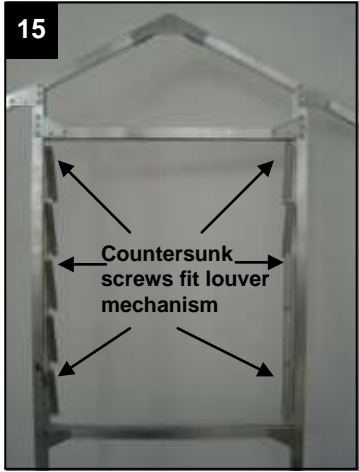
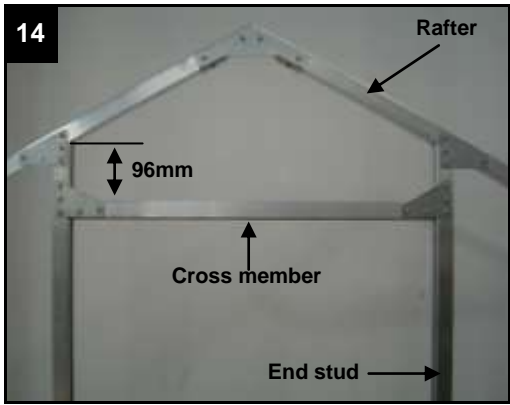
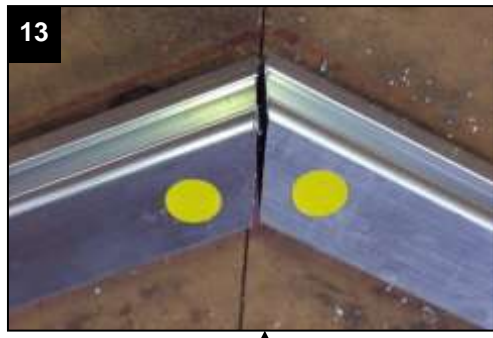
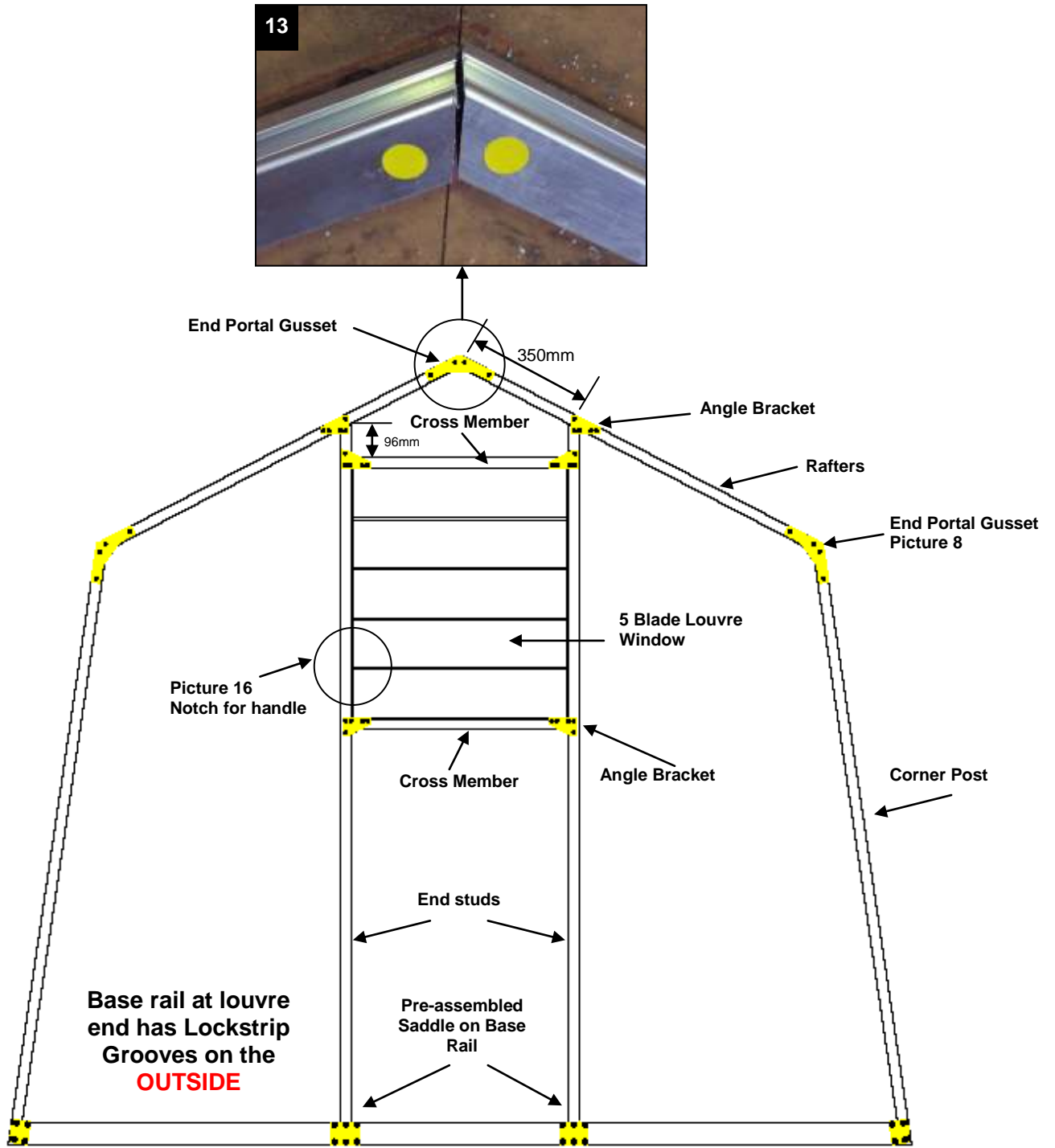
Step Three Door end wall

Using all of the parts marked with the **green label**, layout the parts on a flat surface & assemble the door end wall frame as shown below (**green labels** face up). **Note: Door End base rail has Lockstrip grooves on inside.**



Step Four Louvre End

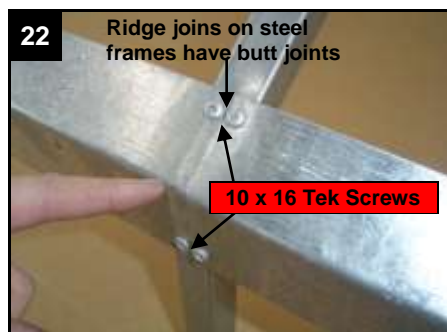
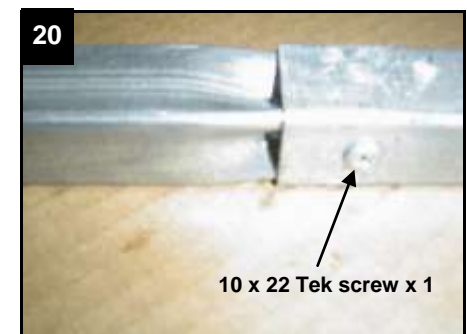
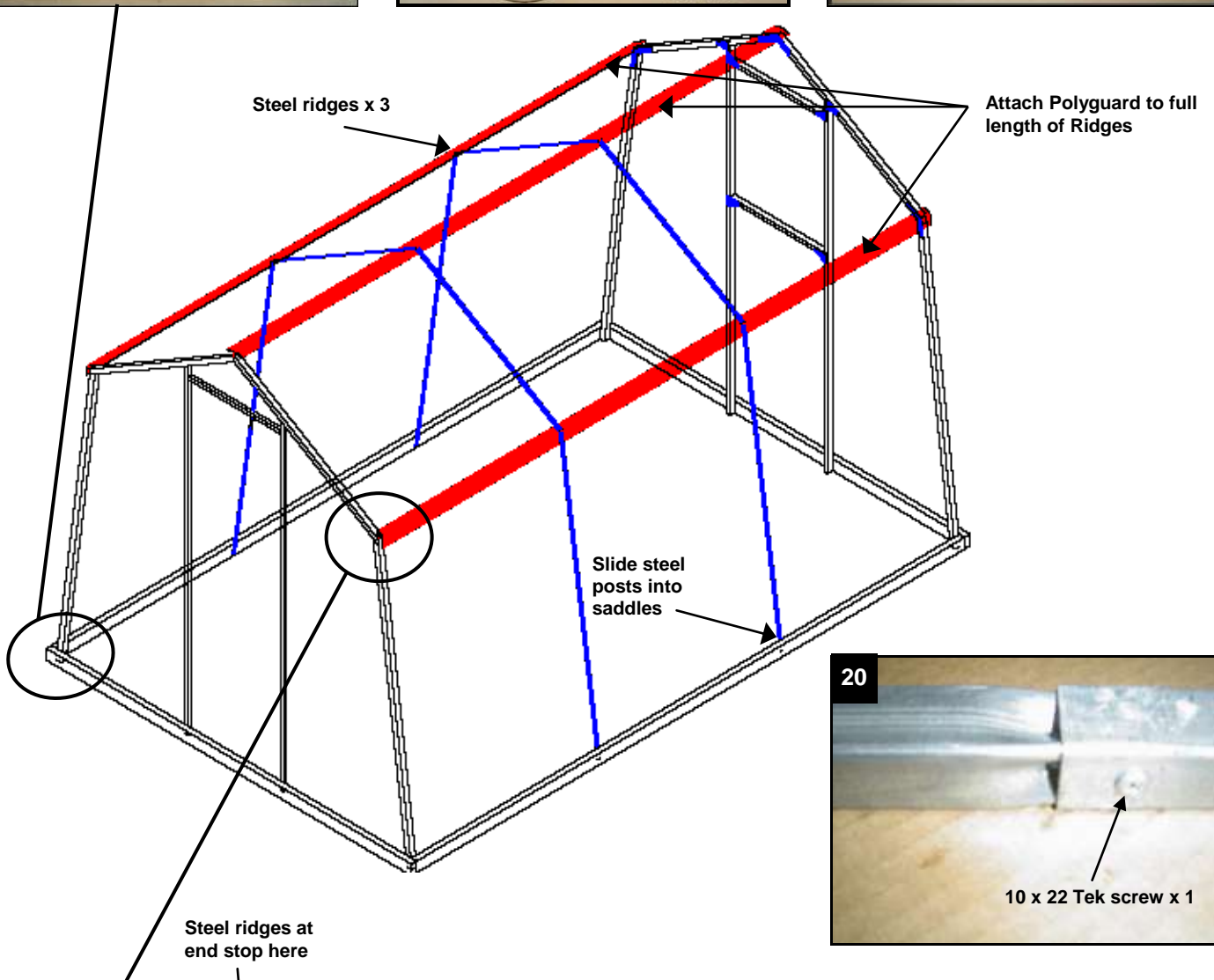
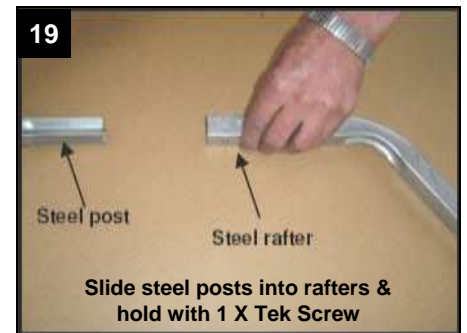
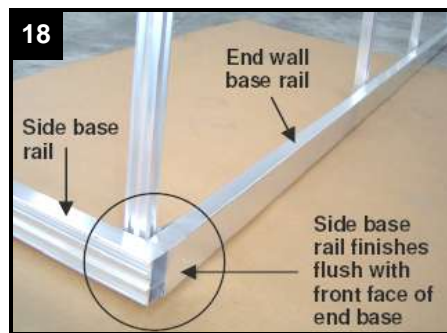
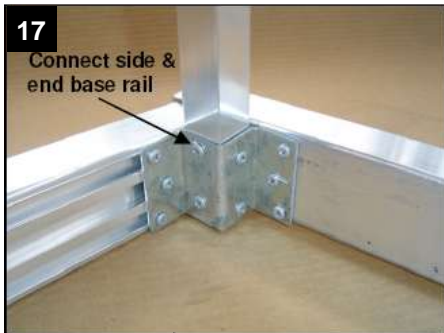
Using all of the parts marked with the **yellow label**, assemble the louvre end wall frame as shown below. **Yellow labels** face up. Louvre End base rail has Lockstrip Grooves on the outside.



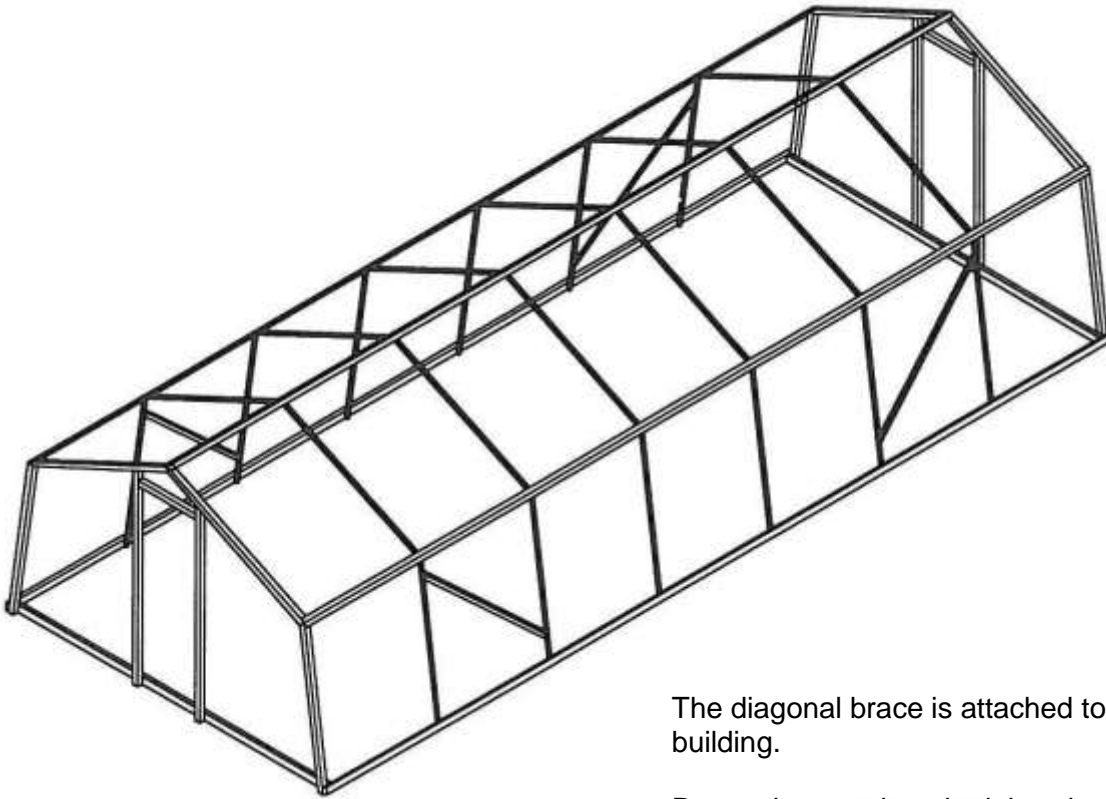
Step Five

Stand up end frames and attach side base rails to the brackets (see pic 17). Install **steel posts and rafters** as shown below (see pics 19 & 20). Attach the **steel ridges** along top of sidewalls and along the ridge as shown. Align the **steel rafters** at the correct height so as the **steel ridges** are in a straight line from end-to-end. Note: The steel ridges DO NOT finish flush with the outside edge of the end walls (see pic 21)

A SECTION OF RIDGE IS NOT REQUIRED UNDER THE ROOF VENT IF FITTED.



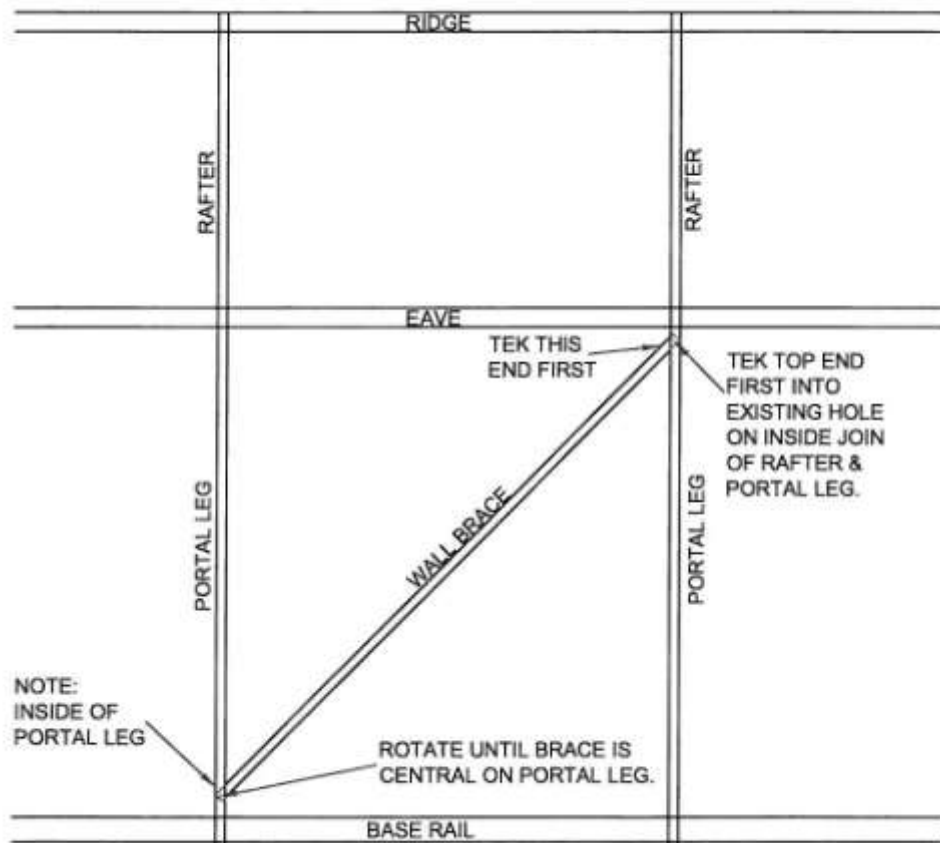
Wall Brace Instructions (8.4m and larger)



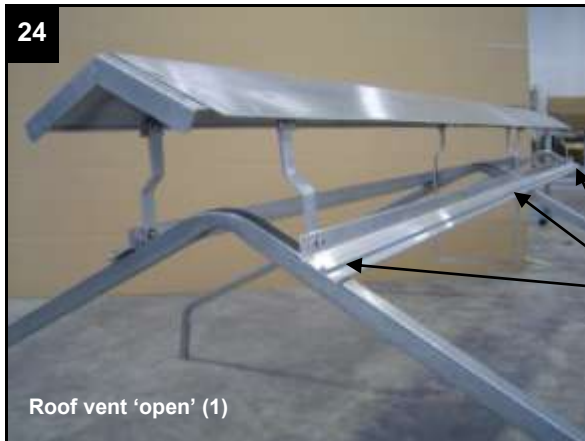
The diagonal brace is attached to the inside of the building.

Put a tek screw into the joint where the existing hole of the rafter joins with the portal leg.

The other end is then rotated around until the brace is central on the inside of the other portal leg.



Roof ventilator Instructions (if supplied)



Helpful hint:

Before fitting the roof plastic, unbolt the ventilator leaving the aluminium locking strip in place and reinstall vent later. Please view DVD to see vent installation

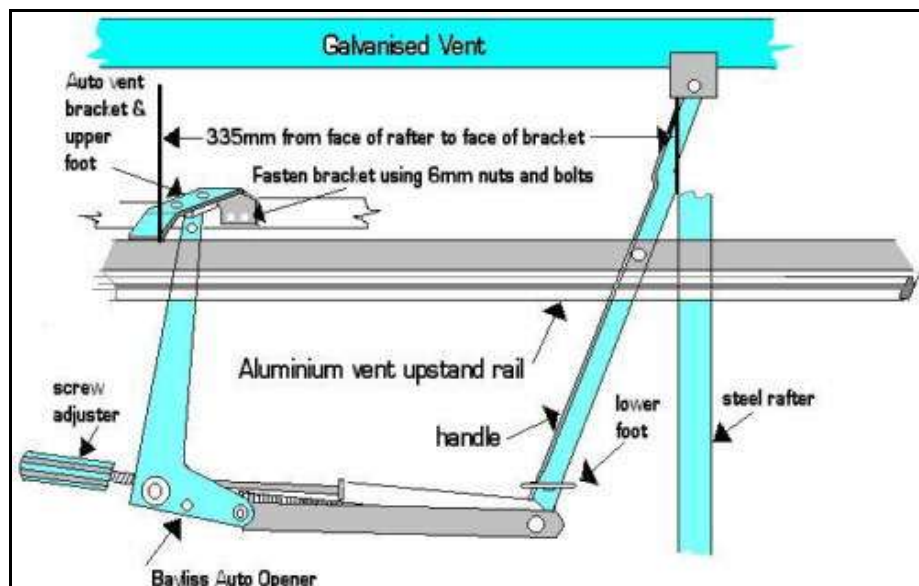
Bayliss auto-vent opener (if supplied)

The Bayliss automatic vent opener is fitted with a thermal expanding wax cylinder/piston. It should be placed in a refrigerator for half an hour to allow it to contract to its fully closed position.

The aluminium upstand rails will require drilling so as to position the auto vent bracket that spans between them. (The Bracket itself is pre-drilled).

- As per the drawing, attach one Bayliss opener 'foot' to the pre-drilled auto vent bracket using the two 4mm nuts and bolts supplied.
- Position the auto vent bracket at the distance as shown below from the steel rafter. Clamp and drill two 6mm holes in each of the aluminium vent upstand and use the 6mm nuts and bolts to fasten bracket in place. (Bottom of bracket is flush with lower edge of aluminium upstands). Wear safety glasses whilst drilling aluminium.
- Pull open the Bayliss auto vent opener slightly and attach the other foot to the flat underside face of the handle (in centre) – this can be secured by either using two 20mm hex head self drilling screws or pre-drill the handle with a 4mm drill bit and use nut and bolts supplied.
- Screw the adjuster on the Bayliss autovent opener into place. If you wish the opener not to open the ventilator until a higher temperature has been reached, screw the adjuster out a little.

Note: The galvanised cap vent swivel bolts are tightened sufficiently for a standard manual vent operation, sometimes, these may need to be slightly loosened, and additionally lubricated to allow the Bayliss autovent controller to operate more freely.



DRAWING SHOWS AUTO BAYLISS VENT IN A FULLY OPEN POSITION

Plastic film fastening instructions (with or without roof ventilator): Read all before proceeding!

- There are four pieces of plastic film supplied for this greenhouse: 1 x roof/side piece (largest), 2 x end pieces (3mx3m), 1 x door piece (1mx2m)
- We suggest that you install the plastic to the door frame firstly – this will allow you to familiarise yourself with the lockstrip plastic clipping system.
- There are three parts to the Redpath Lockstrip plastic film fastening system (1) The aluminium groove (shown in blue below); (2) The white locking strip (shown in green below); (3) The small black “L” shaped locking clips (shown in black below)
- Install the plastic film on a warm, calm day, (this makes tensioning the plastic film easier).
- Do not force the white locking strip into place as it might cut the plastic. Ensure that the “longest leg” fits into the rounded “bullnose shaped” part of the aluminium (see fig 1) Note: If the insert “jumps out” in windy conditions – it is very likely that it is installed backwards. The proper technique is to pull the film tight over the aluminium groove with one hand whilst positioning the white insert in readiness above the Lockstrip groove & film. Then in one motion release the tension & at the same time press the insert into the Lockstrip groove. Install the black locking clips as shown at 150mm spacing.
- If a roof ventilator is fitted to your model - before fitting the roof/side plastic unbolt the six vent pivot arms & remove the steel cap vent (leaving the two 2.4m aluminium “angles” attached to the rafters). This will allow you to position the roof/side plastic film piece over the greenhouse.
- Find the centre of the 6m width & position this at the apex of the building so that 3meters is “hanging” to either side of the structure.
- Starting at the door end apex of the roof (step ladder required). Begin inserting the white locking strip (2m lengths) into the top face groove of the end rafter as shown below. Note: avoid wrinkles in the plastic whilst clipping. Fit the white locking strip & clips for the full length of each door end rafter.
- Move to the louvre end. Repeat the above process whilst pulling the plastic film toward you, tensioning & fastening the plastic film. You should now have both rafters at both ends fastened off. (trim the white locking strip to length)
- Now move to the side base rails. Begin in the centre & start inserting the white locking strip whilst tensioning the plastic film. Work toward each bottom corner until fastened (see fig 2).
- If a roof ventilator is fitted, you can now cut a slit in the roof part of the plastic film between the two aluminium angles (at the apex). The slit will be approximately 2.4m in length. Place hands through the plastic slit & insert the white locking strips into each of the 2.4m length aluminium angles. Then locate the 10 omega clips as per fig 3.
- Finish the roof/side piece by clipping off the corner posts & then install the two end pieces. Note: You will need to “cut out” the door & louvre openings after the end plastic sheets are positioned.
- The plastic film should be tensioned as tight as possible so as to avoid wrinkling or flapping. If the conditions are too cold, wet or windy & do not allow you to get enough tension on the plastic film, then the Lockstrip clipping system will allow you to un-clip sections & pull the film tighter. This may be done immediately or at a later date (e.g warm summer day) when the film will be more elastic to tension. Once fitted trim the back edge of the film so as to leave a 75mm “tail”.

Helpful Hint:

You can use short lengths (200mm) of the white lockstrip insert to help hold the plastic film in position whilst you are clipping & fastening off the various parts of the greenhouse plastic.

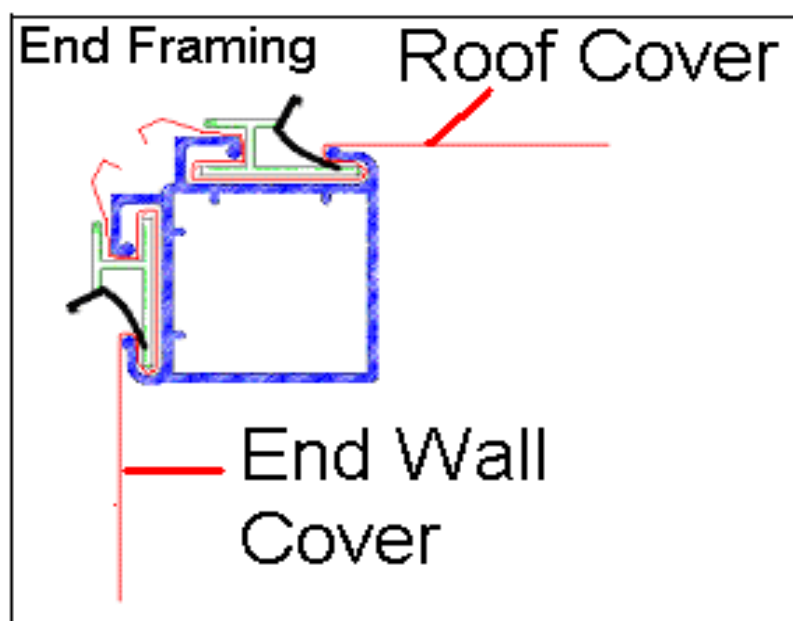


Fig 1

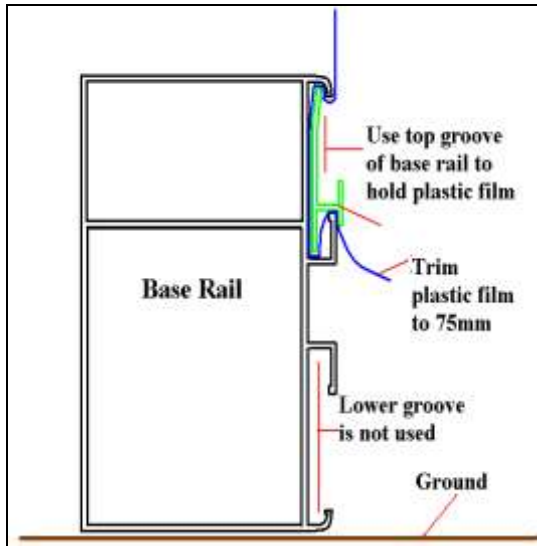


Fig 2

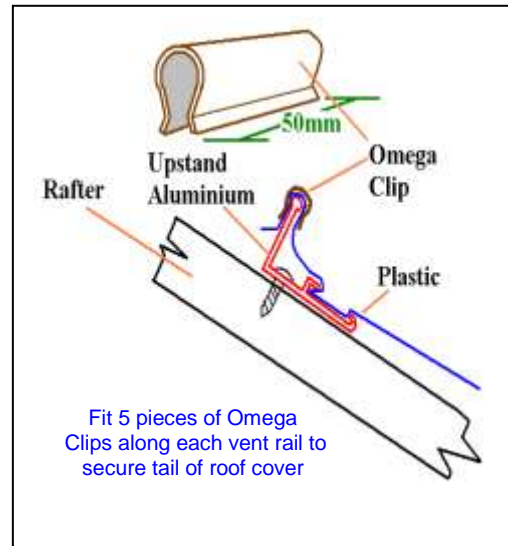


Fig 3

Foundation and Base Rail

The following is a suggestion guideline only. Each individual structure may require additional considerations to suit ground conditions and site wind exposure.

A quantity of 65mm long Timber Tek's are included in this kitset for a use in attaching the base rail to any piles.

Typically a ground timber peg of 100mm x 50mm x 400mm is sufficient to secure the base rail to. Locate the pegs as shown below.

Note:

In loose soil, sandy, or peat underground conditions additional support or concrete may be required.

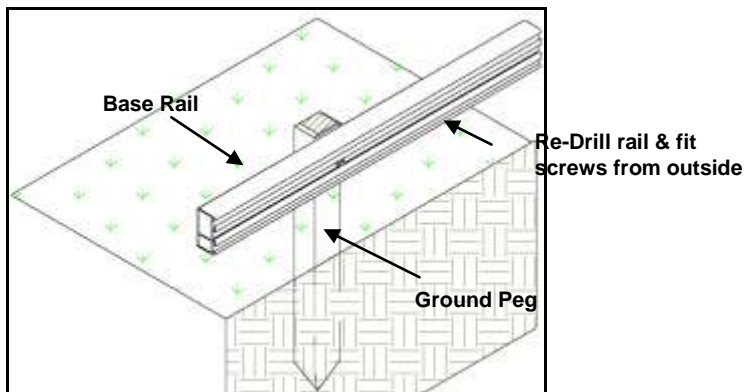


Fig 4

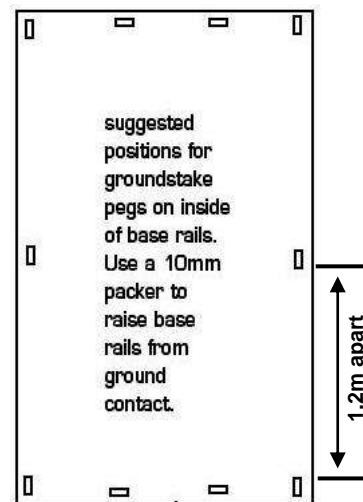


Fig 5

Stuck? Refer to Instructional DVD or give us a call on our Freephone 0508-733-728



WARRANTY CARD RETURN

This Redpath Greenhouse is supplied with a 3 year all parts manufacturer's warranty, applicable from invoice/supply date.

To file your warranty certificate with Redpath – please return the lower portion of this page to our mail address or supply the details as requested below to us via email to redpath@redpathaghort.com.



WARRANTY CERTIFICATE RETURN

Name _____ Date _____

Address _____

This greenhouse was purchased from _____

Ph _____ Fax _____ E-mail _____

Post to Redpath, PO Box 9058, Palmerston North or Email to redpath@redpathaghort.com