

RUSTICS

R A N G E

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IOWA

ASSEMBLY INSTRUCTIONS



BASE SIZE: 2.700m x 1.890m

IOWA

Tools Required:

- Battery Drill
- Riveter
- Hammer
- Tape Measure
- Ladder
- Skillsaw
- Level
- Screwdriver - Flat
- 3/8 Hex Drive bit
- 8MM Hex Drive bit
- Drill Bit 3.2mm
- Square Drive Bit No.2

Before you start:

- Read all instructions carefully.
- Identify all parts and check quantities against checklist.

Safety:

- Do not attempt to build your shed in high winds.
- Beware of sharp edges.
- Protect your eyes and ears.
- Use electric tools with care. Use a Safety Trip Switch.
- It is easier and quicker if this shed is erected by two people.

Select your site:

- Your shed must be level. Achieve this by either levelling the ground or by using blocks.

IOWA PARTS LIST

Description	Size	Qty	
PACK ONE - SHED			
Standard Door	895 x 1780	1	<input type="checkbox"/>
Std Wall Panels	900 x 1877	5	<input type="checkbox"/>
End Wall Panels (L/H)	900 x 2262	2	<input type="checkbox"/>
End Wall Panels (R/H)	900 x 2262	2	<input type="checkbox"/>
Cedar Corner Clashings	85 x 17 x 1902	4	<input type="checkbox"/>
15 x 17 Std Cedarbead	15 x 17 x 1877	2	<input type="checkbox"/>
30 x 17 Std Cedarbead	30 x 17 x 1877	2	<input type="checkbox"/>
30 x 17 Gable Cedarbead	30 x 17 x 2265	2	<input type="checkbox"/>
Barge Flashings	85 x 40 x 2230	2	<input type="checkbox"/>
Temporary Door Stop	45 x 45 x 900	1	<input type="checkbox"/>
Door Lintel	110 x 900	1	<input type="checkbox"/>
Truss	405 x 1890	1	<input type="checkbox"/>
Silicone Tubes	300g	2	<input type="checkbox"/>
Ridge Flashings	175 x 1600	2	<input type="checkbox"/>
Roof Sheets	845 x 1090	8	<input type="checkbox"/>
15mm Packer	15 x 45 x 1740	1	<input type="checkbox"/>
Hardware Pack			
Tek Screws	14G x 75mm, CL4	50	<input type="checkbox"/>
Framing Nails	75 x 3.15mm	60	<input type="checkbox"/>
Bead Nails	50 x 2.5mm	50	<input type="checkbox"/>
Clouts	30 x 2.5mm	60	<input type="checkbox"/>
Colour Rivets	3.2 x 8.2mm	50	<input type="checkbox"/>
Roofing Screws and Washers	35mm	20	<input type="checkbox"/>
Padbolt and Keeper		1	<input type="checkbox"/>
Padbolt Screws		6	<input type="checkbox"/>
Instructions		1	<input type="checkbox"/>
Optional			
Building Paper (Roof + 20 clouts)	1370 x 6000	1	<input type="checkbox"/>
Clear Roof Panel (panel replaces roof sheet)		Qty	<input type="checkbox"/>
PACK TWO - LONG TIMBERS (& FLOOR if required)			
Stiffeners	45 x 45 x 2700	2	<input type="checkbox"/>
Purlins (Bottom)	50 x 25 x 2825	2	<input type="checkbox"/>
Purlins (Top)	100 x 25 x 2825	2	<input type="checkbox"/>
Spouting	38 x 30 x 2820	2	<input type="checkbox"/>
Floor Joists	70 x 45 x 2690	5	<input type="checkbox"/>
Floor Boards	150 x 19 x 1880	18	<input type="checkbox"/>
Floor Nails	50 x 2.5mm	180	<input type="checkbox"/>

Packed by:

Date: / /

IOWA CONCRETE FLOOR OPTION

Building a Raised Concrete Base

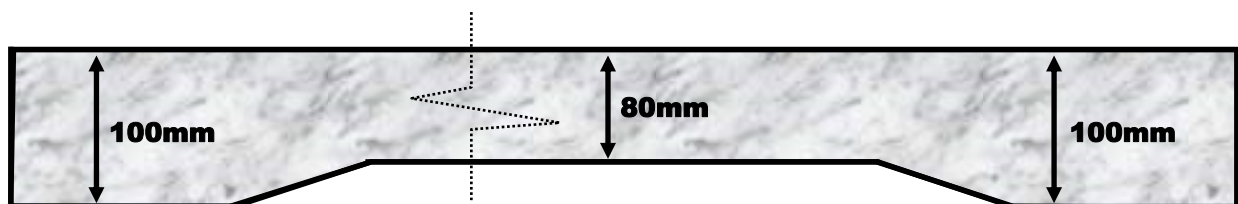
Step 1: Establish size of shed and excavate sufficient area. Remember to allow for rear roof overhang up to 150mm, and 120mm on each end.

Step 2: Ensure that the base substrate is compacted firmly. We suggest that the slab should be 80mm thick in the middle and 100mm thick around the edges.

Step 3: Lay boxing to the required size, the raised slab size should be 2685 x 1875mm and at least 30mm above the ground line.

Step 4: Lay plastic sheeting if required. Plastic sheeting under slab will prevent moisture coming through from underneath.

Step 5: Pour concrete and screed flush



IOWA FLOOR OPTION

Step 1: Lay out floor joists, spacing them evenly as shown. Using 50mm flooring nails, nail a floor board on each end, ensuring ends are flush with joists. Make sure floor is level and joists are supported at 1240mm centres.



Step 2: Lay out remaining floor boards. Measure diagonals to ensure measurements are equal (i.e. floor is square). Rip down last floor board to suit gap, and nail off floor with 50mm flooring nails (10 nails per board).



Step 3: Unpack panels and identify wall panels and door positions as per the wall plan located on page 5.

Select two panels that go either side of a corner (gable and standard panel) and stand together.

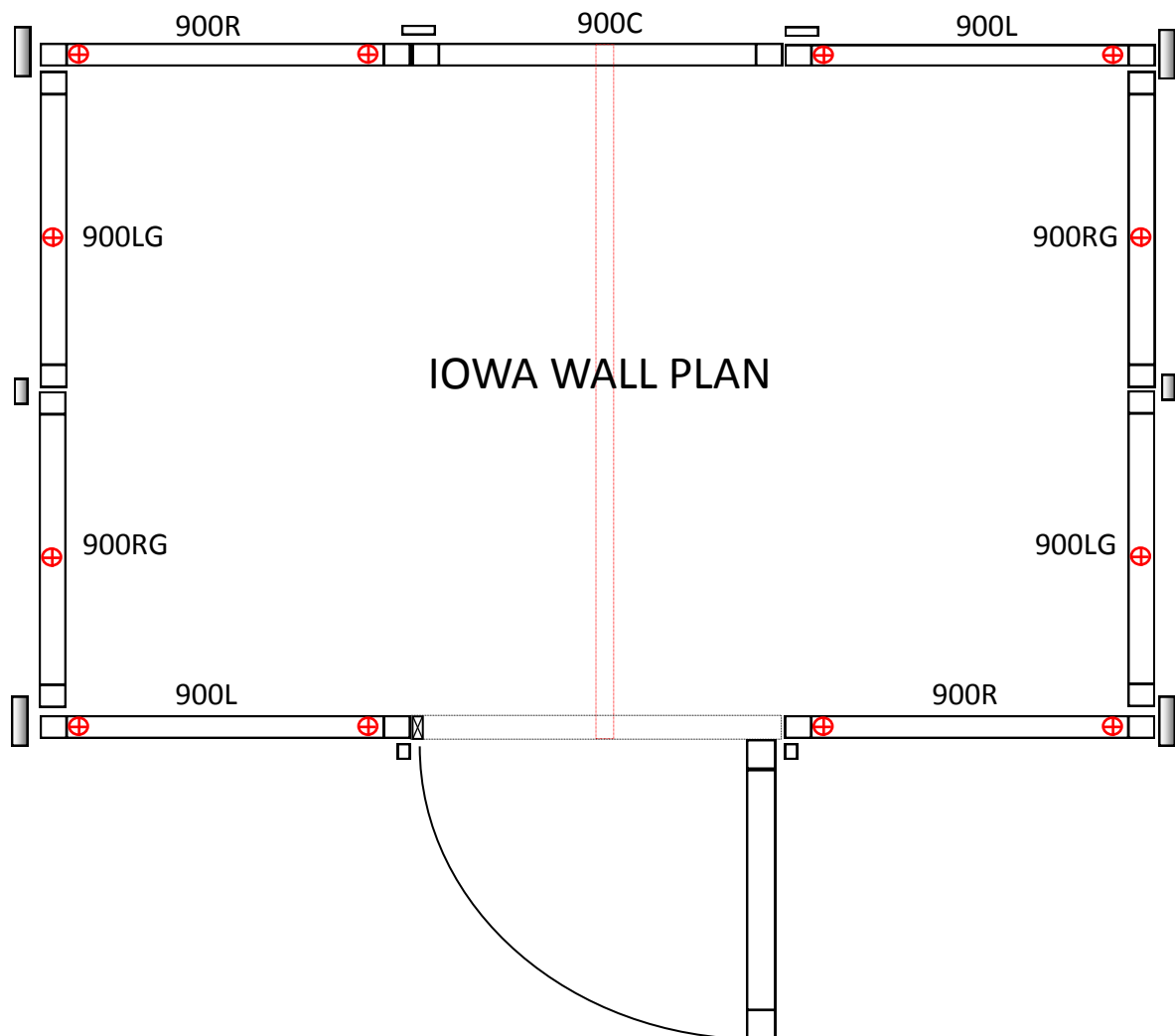
Example: R (standard) and LG (Gable)



Located on the bottom plate of each wall.



IOWA WALL PLAN



15 x 17mm Std Cedar bead



30 x 17mm Std Cedar bead



30 x 17mm Gable Cedar bead



Corner Clashing



45 x 15mm Packer



Tek Screws (To secure Walls to Floor)



Truss Location

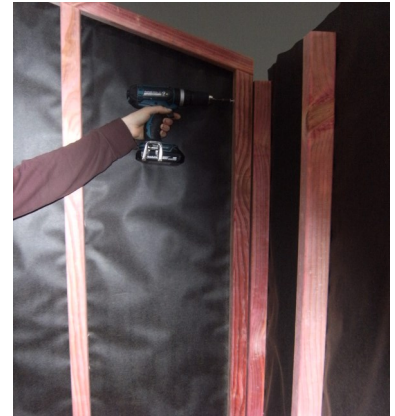


Please note: The walls are not screwed down to the floor until all the walls are erected, the roof is in place and the door is about to be installed.

The Bottom Plate of each wall will be labelled L, R, C, LG or RG based on the position it goes in the wall plan.

IOWA WALL INSTALLATION

Step 4: Screw wall panels together using 75mm tek screws (3 per low connection, 4 per high connection), ensuring gable walls are inside the standard walls as per the wall plan on the previous page.



Step 5: Silicone edge of weatherboards on the standing panel, and lying your next wall down silicone the connecting edges weatherboards. Nail the bead to the laid down panel. (4 bead nails per standard bead, 5 per gable bead)

Make sure bead is properly sealed to avoid leaks.

Note: On standard panels only, top of bead is bevelled to allow for slope of roof.



Step 6: Silicone and nail remaining beads on each panel. Screw panels together using 3 tek screws per join and 4 on the longer joins on gable panels as mentioned above.

IOWA LINTEL

Step 7: Using the 15mm Packer screw the door lintel into place, using 2 x 75mm tek screws at each end. Screwing though the stud into the lintel.

Tip: Using the screw to predrill a hole before attempting to screw into the lintel will make this easier.



Above Lintel from the outside, below Lintel from the inside.

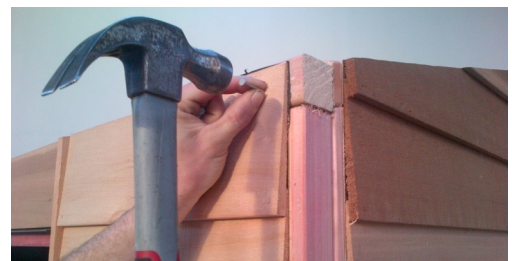


IOWA STIFFENERS

Step 8: Using 75mm framing nails, nail both top plate stiffeners into standard wall panels studs, as shown using 2 nails per each end stud, and 1 nail for each remaining stud. Ensure ends are evenly spaced before nailing.



Step 9: Using 30mm clouts nail top cedar boards to stiffeners (2-3 nails per board). Predrill holes to stop boards from splitting.



IOWA CORNER CLASHINGS

Step 10: Ensuring the clashing is flush at the top. Silicone and nail corner clashings on all corners as shown using 4 x bead nails per clashing.

Silicone both edges where the clashing meets the weatherboards to ensure this doesn't leak.



IOWA ROOF

Step 11: Position roof truss over the center of the stiffener on the front and back walls, as shown in the wall plan. Using 75mm framing nails, nail the truss to the stiffeners. Predrill the truss as to avoid splitting the timber.

Refer to Wall Plan on page 5 for correct truss location.

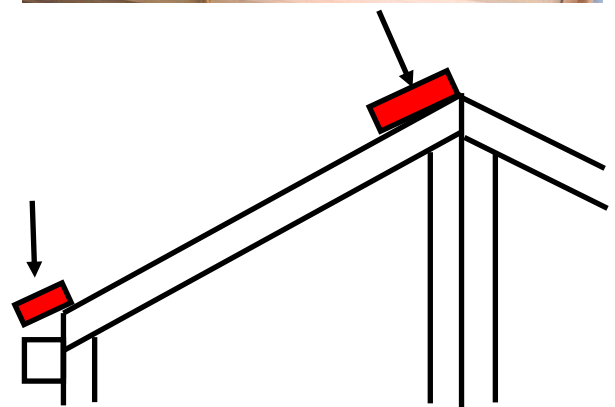
It is important that the trusses are in the correct location for attaching the purlins.



Step 12: Position the purlins on roof. (Top Purlins 100mm, bottom purlins 50mm) Top purlins should be together and bottom purlins should be against the Stiffeners. Using 75mm framing nails, predrill then nail purlins into top of gable end panels and truss (2 nails per join).

Tip: Measure and mark the middle of the stiffener/truss, and the same on the purlin. Line these two marks up to get an even overhand at each end.

Condensation can form on the under side of shed roof. If building paper is required, fit now. Nailing to the purlins with the clouts provided.



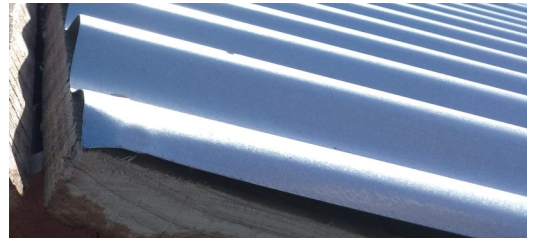
IOWA ROOF

Step 13: Ensure shed is square, by measuring diagonals at top corner of wall panels.

Step 14: Position first full sheet with rib flush with end of purlins and top of sheet flush with the top of the purlin.

Tack top of the sheet into the top purlin using a 30mm clout through the pan. Using a 35mm Roofing Screw with Washer, screw through the first full rib into the bottom purlin to a depth of approximately 10mm.

Tip: Predrilling with a 3mm drill bit may make this easier.



Step 15: Lay out remaining full roof sheets, with sufficient overlap that the last lip lines up with the opposite ends purlins.

This may require overlapping multiple ribs.

Rivet these sheets together, 3 rivets per join, to make 1 large roof panel as shown in photo.

Rivet top, middle and bottom.

Tack remaining top corner and screw the bottom corner ensuring edge of sheet is flush with end of purlins and height is correct.

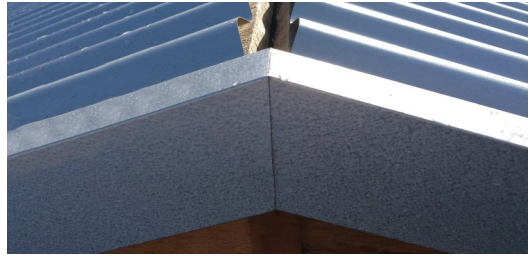
Ensure purlins are straight, Nail through every fourth pan using 30mm clouts into the top purlin, using 35mm roofing screws with washers screw through every fourth rib into the bottom purlin.

Tip: If you have string or a long piece of timber use it as a guide to screw on a straight line.



IOWA ROOF FLASHINGS

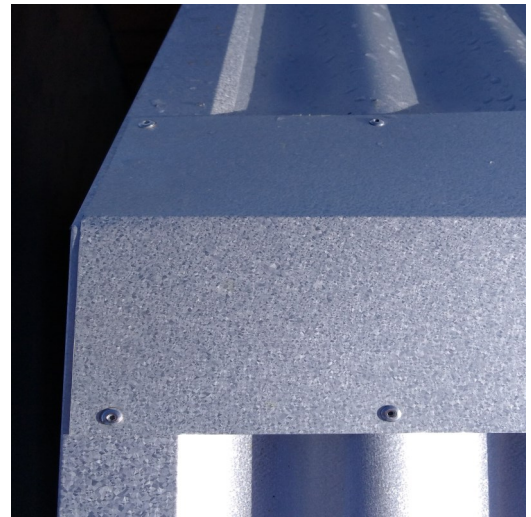
Step 16: Sit the Barge on the end of the Roof Sheets so that the fold is centralised to the peak of the roof.



Step 17: Attach both barges with 2 x Rivets to the ridge flashing.

Pushing the barges into the purlins to find the correct lie.

Rivet the ridge flashing to the ribs of the roof sheet. Then continue to rivet every eighth rib.



Step 18: Attach spouting channels to the barges with 1 x rivet at each end, leaving approximately a 5mm spacing at either end to allow for water run off.

Rivet the Spouting to the roof sheet every eighth rib, this should line up with the rivets on the ridge flashing.



Remember to remove or drill filings from a colour steel roof.

IOWA DOOR

Step 19: Fit the temporary door stop in doorway. Measure diagonally from corner to corner that the shed is square. Check all wall panels are straight and panels either side of doorway are tight against door stop. Screw panels to floor using 1 x 75mm tek screw per panel as positioned in the Wall Plan. Screw near the panel joins, where possible.

Once all appropriate positions are screwed down remove the door stop.

Step 20: Fit door in position as shown.



Step 21: Using 3 x 75mm tek screws, screw door stud to the panel. Check that door opens.

Using 3 x 50mm beading nails, nail 15mm packer onto side of door opening as shown in Wall plan on pg. 5.



Step 22: Screw the Keeper through the 15mm Bead into the Stud using the 32mm Stainless Steel screw, so that it is central to the middle row of screws on the door.

Screw the Padbolt inline with the Keeper so that the bolt can slide in and out of place.



IOWA

Your shed is now Complete.
You can protect cedar by staining cedar weatherboards if required.



RUSTICS SHED WARRANTY

GUARANTEE TO CUSTOMER

Congratulations on purchasing a quality New Zealand made Warrantee Shed manufactured by Riverlea Group Limited. With proper care and attention this product will offer you many years of use.

WARRANTY ON METAL CLADDING

Your new shed is guaranteed for the benefit of the original purchaser, against defective material or faulty workmanship for **fifteen years** from date of purchase. Riverlea Group Limited will, at its discretion, replace or repair any faulty or defective materials within this time on condition that due care and maintenance has been carried out as detailed below.

TERMS AND CONDITIONS

This warranty does not cover Rustic sheds with steel roofing if it is installed outside the inland corrosion zone or areas where the corrosion rate is more than 200g/m² (as published by BRANZ)

1. The warranty does not cover damage or failure due to improper assembly.
2. This warranty does not cover damage through force majeure or other cause beyond the control of Riverlea Group Limited.
3. This warranty is void if maintenance as detailed below and in the assembly manual has not been adhered to.
4. This warranty does not cover natural variations, expansion, contractions as can be reasonably expected from a timber product.

Beyond the exclusions above, Riverlea Group Limited will repair or replace the damaged or faulty product. The balance of the original warranty will cover any repaired or replaced material. Riverlea Group Limited will not be liable for any consequential loss or damage, labour or transport costs.

All claims must be made within 21 days of discovery.

MAINTENANCE

The following are the minimum maintenance requirements for Rustic Sheds manufactured by Riverlea Group Limited. Please refer to your assembly manual for more details.

1. All steel roofing is to be kept clean and free of debris and washed annually with a hose and soft brush.
2. Timber floors, where supplied are to be kept out of direct water contact or runoff

WARRANTY REGISTRATION

Please visit <http://www.riverleagroup.co.nz/warranty-garden-sheds> to validate the Warranty on your shed.

Click on the Warranty Registration Link and complete all details.

If you are unable to access the computer, please phone us on 0800 438 274 and one of the customer services team will help you to activate the warranty on your garden shed.

Many thanks, from the Team at Riverlea Group.

