

RUSTICS

R A N G E

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DAKOTA

ASSEMBLY INSTRUCTIONS



BASE SIZE: 1.890m x 2.400m

DAKOTA

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.

DAKOTA PARTS LIST

Description	Size	Qty	
PACK ONE - SHED			
Standard Door	895 x 1780	1	<input type="text"/>
Standard Wall Panels	1200 x 1877	4	<input type="text"/>
Back Gable Wall Panels	900 x 2262	2	<input type="text"/>
Door Gable Panels LH & RH	900 x 2262	2	<input type="text"/>
Cedar Corner Clashings	85 x 17 x 1902	4	<input type="text"/>
15 x 17 Door Cedarbead	15 x 17 x 1860	4	<input type="text"/>
30 x 17 Std Cedarbead	30 x 17 x 1877	2	<input type="text"/>
30 x 17 Gable Cedarbead	30 x 17 x 2265	1	<input type="text"/>
30 x 17 Gable Cedarbead	30 x 17 x 415	1	<input type="text"/>
Barge Flashings	85 x 40 x 2230	2	<input type="text"/>
Temporary Door Stop	45 x 45 x 900	1	<input type="text"/>
Door Lintel	110 x 900	1	<input type="text"/>
Silicone Tube	300g	2	<input type="text"/>
Stiffeners	45 x 45 x 2400	2	<input type="text"/>
Truss	405 x 1890	1	<input type="text"/>
Purlins (Bottom)	50 x 25 x 2525	2	<input type="text"/>
Purlins (Top)	100 x 25 x 2525	2	<input type="text"/>
Ridge Flashing	240 x 2525	1	<input type="text"/>
Spoutings	30 x 20 x 2520	2	<input type="text"/>
Roofing Sheets	845 x 1090	8	<input type="text"/>
15mm Packer	15 x 45 x 1740	1	<input type="text"/>
Hardware Pack			
Tek Screws	14G x 75mm, CL4	50	<input type="text"/>
Framing Nails	75 x 3.15mm	50	<input type="text"/>
Bead Nails	50 x 2.5mm	50	<input type="text"/>
Clouts (Cladding nails)	30 x 2.5mm	30	<input type="text"/>
Colour Rivets	3.2 x 9.6 mm	50	<input type="text"/>
Roofing Screws and Washers	35mm	20	<input type="text"/>
Padbolt/Keeper Screws	32 x 8g	6	<input type="text"/>
Padbolt and Keeper		1	<input type="text"/>
Touch Up Paint & Brush		1	<input type="text"/>
Instructions		1	<input type="text"/>
Optional			
Building Paper (Roof +20 clouts)	1370 x 5200	1	<input type="text"/>
Clear Roof Panel (panel replaces roof sheet)		Qty	<input type="text"/>
PACK TWO - FLOOR (if required)			
Floor Boards	150 x 19 x 1880	16	<input type="text"/>
Floor Joists	70 x 45 x 2390	5	<input type="text"/>
Floor Nails	50 x 2.5mm	160	<input type="text"/>

Packed by:

Date: / /

DAKOTA CONCRETE FLOOR OPTION

Building a Raised Concrete Base

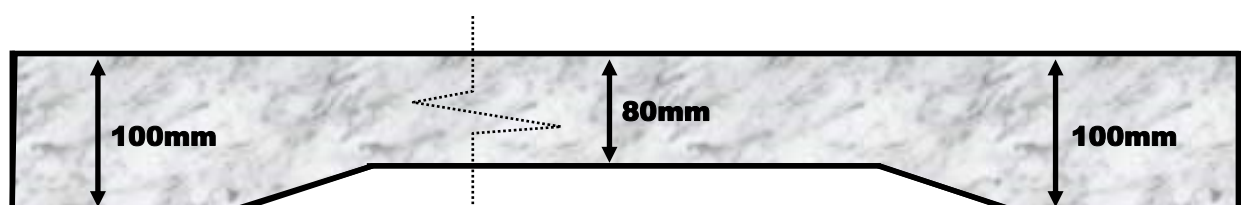
Step 1: Establish size of shed and excavate sufficient area. Remember to allow for rear roof overhang up to 150mm, and 120mm on each end.

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 1875 x 2385mm 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



DAKOTA 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.



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.

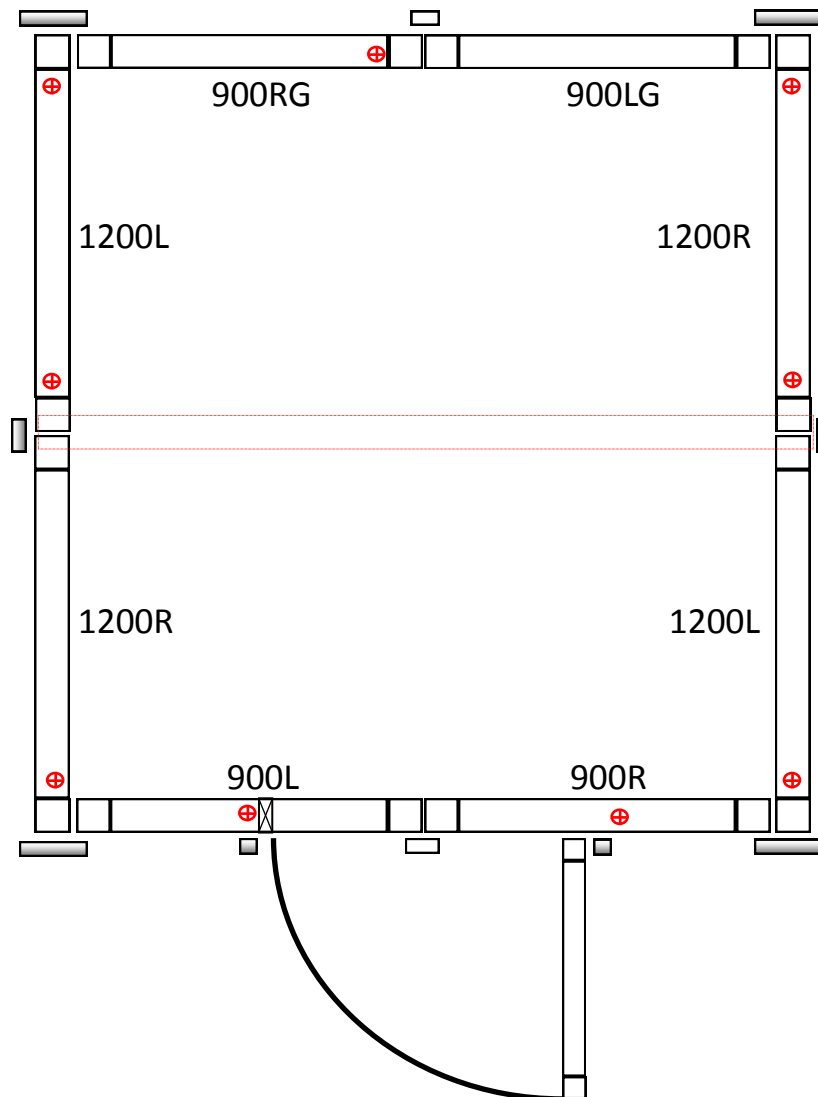
Example: R (standard) and LG (Gable)



Located on the bottom plate of each wall.



DAKOTA WALL PLAN



30 x 17mm Std Cedar bead



15 x 17mm Gable Cedar bead



30 x 17mm Gable Cedar bead



Corner Clashing



45 x 15mm Packer



Tek Screws (To secure the walls to the floor)



Truss Location

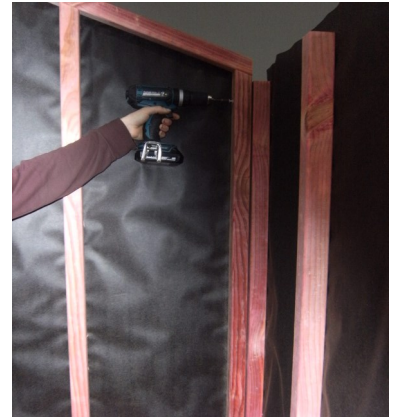


Please note: The walls are not screwed down to the floor until all the walls are erected, the roof is in place and the door is about to be installed.

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.

DAKOTA WALL INSTALLATION

Step 4: Screw wall panels together using 75mm tek screws (3 per low connection, 4 per high connection, 2 above the door), 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.



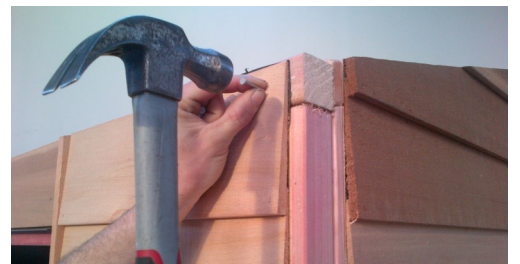
Step 6: Silicone and nail remaining beads on each panel. Screw panels together using 3 tek screws per join and 4 on the longer joins on gable panels as mentioned above.

DAKOTA STIFFENERS

Step 8: Using 75mm framing nails, nail both top plate stiffeners into standard wall panels studs, as shown using 2 nails per end stud, 1 nail per stud in between.



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

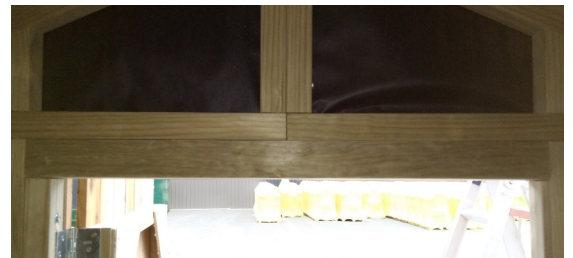


DAKOTA LINTEL

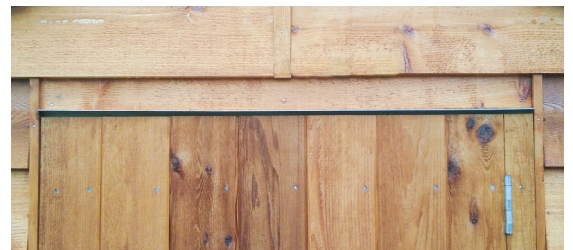
Step 7: Using the 15mm Packer screw the door lintel into place, using 1 x 75mm tek screws at each end screwing through the stud into the lintel and 2 x 75mm tek screws through the top going down.

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

Silicone and fit 30mm bead above doorway, using bead nails.



Above door lintel from inside, below door lintel from outside.



DAKOTA CORNERS

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.



DAKOTA ROOF

Step 11: Position roof trusses over the join of the panels on the standard 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.

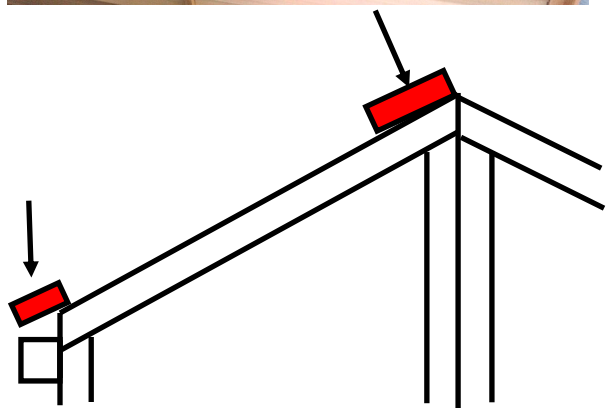
It is important that the trusses are in the correct location for attaching the purlins.



Step 12: Position all 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: Measuring and marking the middle of the stiffener/Truss, and do the same for the purlins. Line these marks up will help give you an even overhang.

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.



DAKOTA 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.

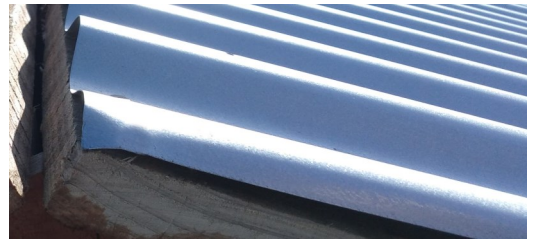
Rivet these sheets together, 3 rivets per join, to make 1 large roof panel as shown in photo.

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.

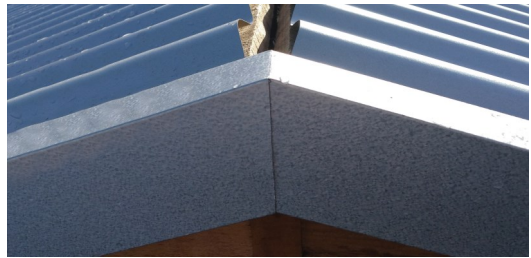
Ensure purlins are straight, Nail through every fourth pan using 30mm clouts into the top purlin, using 35mm roofing screws with washers screw through every fourth rib into the bottom purlin.

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



DAKOTA ROOF FLASHINGS

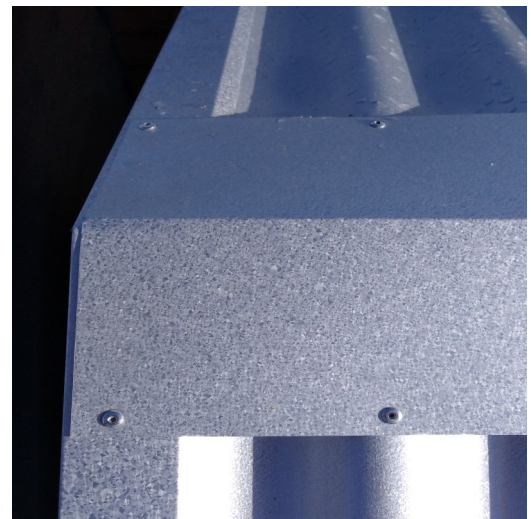
Step 16: Sit the Barge on the end of the Roof Sheets so that the fold is centralised to the peak of the roof.



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.

DAKOTA DOOR

Step 19: Fit the temporary door stop in doorway. Measure diagonally 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.

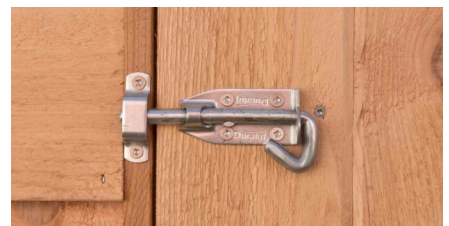
Step 20: Fit door in position as shown.

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.



DAKOTA

Your shed is now complete.

You may 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.

