



## CEDARSHED INSTRUCTIONS



### MILLBROOK- COLOURSTEEL ROOF

Base size: 2400mm x 1890mm deep

# MILLBROOK

## 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

## IMPORTANT

**SUNSCREEN WARNING:** Prevent contact of the painted surface with sunscreens containing titanium dioxide (TiO<sub>2</sub>) or zinc oxide (ZnO). It has been proven to discolour and degrade the paint finish. The use of gloves is recommended.

Damage to prepainted steel caused by contact with sunscreen is not covered by your Duratuf warranty.

## 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.

# MILLBROOK PARTS LIST

Description	Size	Qty	
<b>PACK ONE - SHED</b>			
Standard Door	895 x 1780	1	<input type="checkbox"/>
Front Wall Panel	300 x 1937	1	<input type="checkbox"/>
Front/Back Wall Panels	1200 x 1937	3	<input type="checkbox"/>
End Wall Panels (L/H)	900 x 2330	2	<input type="checkbox"/>
End Wall Panels (R/H)	900 x 2330	2	<input type="checkbox"/>
Cedar Corner Clashings	65 x 17 x 1962	4	<input type="checkbox"/>
15 x 17 Std Cedarbead	15 x 17 x 1937	6	<input type="checkbox"/>
30 x 17 Std Cedarbead	30 x 17 x 1937	1	<input type="checkbox"/>
30 x 17 Gable Cedarbead	30 x 17 x 2330	2	<input type="checkbox"/>
Bargeboards	90 x 17 x 1170	4	<input type="checkbox"/>
Door Stop	45 x 45 x 900	1	<input type="checkbox"/>
Door Lintel	167 x 900	1	<input type="checkbox"/>
Diamonds	230 x 95 x 17	2	<input type="checkbox"/>
Silicone Tubes	300g	2	<input type="checkbox"/>
Weatherstrip	50mm x 20m Roll	1	<input type="checkbox"/>
Building Paper	1370 x 5200	1	<input type="checkbox"/>
Roof Sheets	875 x 1090	6	<input type="checkbox"/>
Stiffeners	45 x 45 x 2400	2	<input type="checkbox"/>
Purlins	70 x 45 x 2545	4	<input type="checkbox"/>
Gable Ridge Flashings	240 x 2545	1	<input type="checkbox"/>
Spoutings	2535mm	2	<input type="checkbox"/>
15mm Packer	15 x 45 x 1720	1	<input type="checkbox"/>
<b>Hardware Pack</b>			
Tek Screws	14G x 75mm, CL4	50	<input type="checkbox"/>
Framing Nails	75 x 3.15mm	40	<input type="checkbox"/>
Bead Nails	50 x 2.5mm	95	<input type="checkbox"/>
Clouts	30 x 2.5mm	90	<input type="checkbox"/>
Colour Rivets	3.2 x 8.2mm	30	<input type="checkbox"/>
Roofing Screws with Washers	50mm	40	<input type="checkbox"/>
Door Handle		1	<input type="checkbox"/>
Door Latch		1	<input type="checkbox"/>
Door Handle Screws	3/16 x 2.5"	2	<input type="checkbox"/>
Touch Up Paint & Brush		1	<input type="checkbox"/>
Instructions		1	<input type="checkbox"/>
<b>PACK TWO - FLOOR (if required)</b>			
Floor Boards	150 x 19 x 1880	16	<input type="checkbox"/>
Floor Joists	70 x 45 x 2390	5	<input type="checkbox"/>
Floor Nails	50 x 2.5mm	160	<input type="checkbox"/>

Packed by:

Date: / /



# MILLBROOK CONCRETE FLOOR - OPTIONAL

## Building a Raised Concrete Base

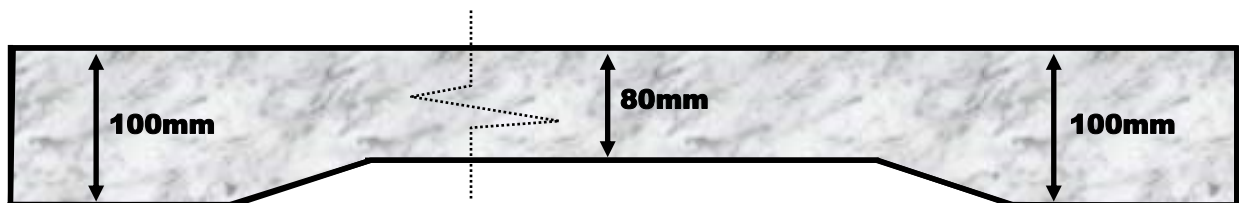
**Step 1:** Establish size of shed and excavate sufficient area. Remember to allow for rear roof overhang up to 150mm, and 120mm on each end.

**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 2385 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



# MILLBROOK FLOOR - OPTIONAL

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 900mm 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).



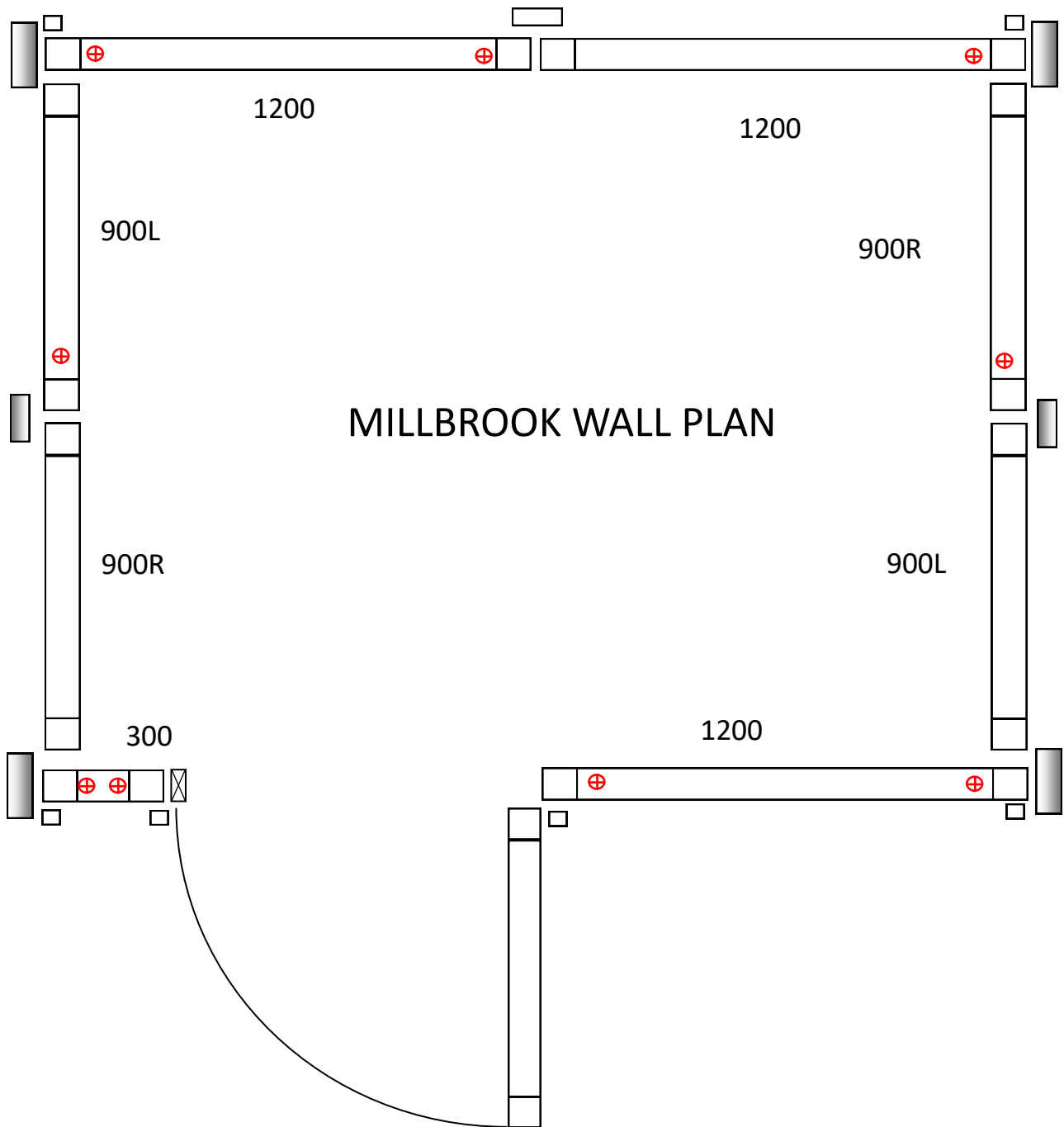
Step 3: Nail plastic weatherstrip to edge of floor on all four sides, with 30mm clouts, (approx 5 nails per side) ensuring top edge is flush with top of floor. This isn't required if shed is on a concrete base.



Step 4: Unpack panels and identify wall panels and door positions as per plan on following page. Select two panels that go either side of a corner (gable and standard panel) and stand together.



# MILLBROOK WALL PLAN



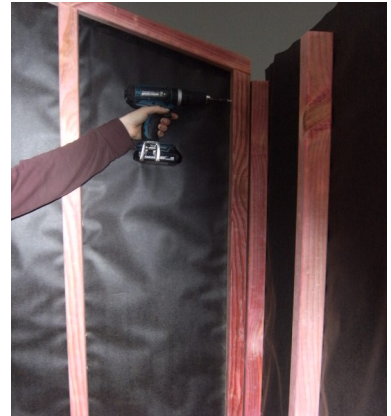
- 15 x 17mm Std Cedar bead □
- 30 x 17mm Std Cedar bead ▭
- 30 x 17mm Gable Cedar bead ▭
- Corner Clashing ▭
- 45 x 15mm Packer ⊠
- Tek Screws (To secure walls to the floor) ⊕

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



# MILLBROOK WALLS

Step 5: Screw wall panels together using 75mm tek screws (3 per panel), ensuring end wall panels are inside back and front walls as per the wall plan.



Step 6: Silicone edge of weatherboards on standing panel and nail on cedar beads with 5 x bead nails. (Refer to wall plan for correct beads). 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 7: 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 end panels.



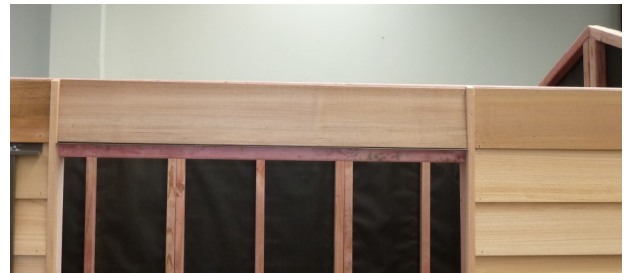
# MILLBROOK TOP LINTEL

Step 8: Using 4 x 75mm tek screws screw door lintel to studs. Ensure outside cedar weather-board on lintel is flush with weatherboards each side.

Door Lintel shown from inside



Door Lintel shown from outside.

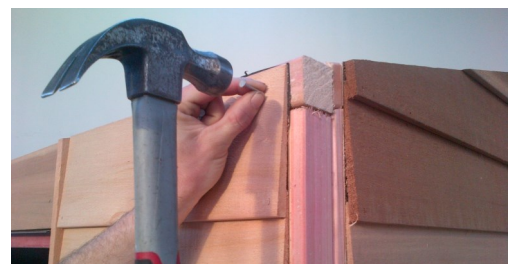


# MILLBROOK TOP STIFFENER

Step 9: Using 75mm framing nails, nail both top plate stiffeners into standard wall panels studs, as shown using 2 nails per stud. Ensure ends are flush before nailing.



Step 10: Using 30mm clouts nail top cedar boards to stiffeners (2-3 per board). Pre-drill holes to stop boards from splitting.





# MILLBROOK CORNER CLASHINGS

Step 11: Silicone and nail 15 x 17mm beads on all corners as shown using 5 x 50mm beading nails, per bead.



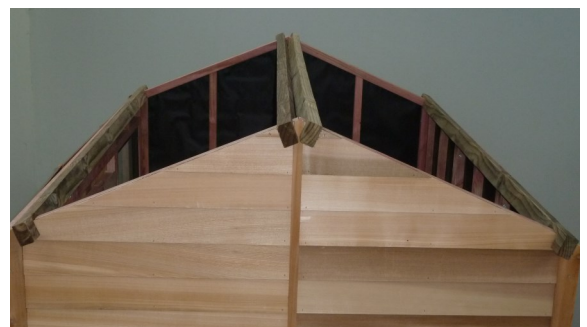
Step 12: Silicone and nail corner clashings on all corners as shown using 5 x bead nails per clashing.

Silicone both edges of clashing to ensure this doesn't leak.



# MILLBROOK ROOF

Step 13: Position 4 purlins on roof as shown. Top purlins should be together and bottom purlins should be against top plate. Using 75mm framing nails, nail purlins into top of gable end panels (2 nails per join).



Step 14: Using 1 x 75mm tek screw, screw bottom purlin to top plate centrally in shed.

Repeat with other bottom purlin.

Using 2 x 75mm tek screws, screw top purlins together, at equal spacings.



# MILLBROOK ROOF

Step 15: Ensure shed is square, by measuring diagonals at top corner of wall panels.

Using 30mm clouts, nail building paper on to purlins.

Step 16: Position first full sheet with rib flush with ends of purlins and top of sheet in the centre of roof. (So sheets touch in the middle).

Tack top of the sheet into the top purlin using a 30mm clout through the pan. Using a 50mm Roofing Screw with Washer, screw through the rib into the bottom purlin to a depth of approximately 10mm.



*Note. Use 50mm Roofing screws with washers for bottom purlin and 30mm clouts for top purlin.*

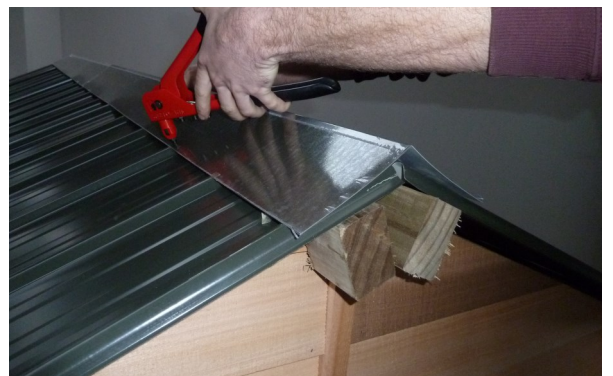
*Pre-drill holes for clear roof panels.*

Step 17: Lay out remaining full roof sheets. Rivet these sheets together, 2 rivets per join, to make 1 large roof panel as shown in photo. Tack remaining top corner and bottom corner ensuring edge of sheet is flush with end of purlins and height is correct.



Ensure purlins are straight, Nail through the pan using 30mm clouts into the top purlin, using 50mm roofing screws with washers screw through the rib into the bottom purlin.

Step 18: Rivet ridge flashing to roof on every second rib, as shown.



# MILLBROOK DOOR

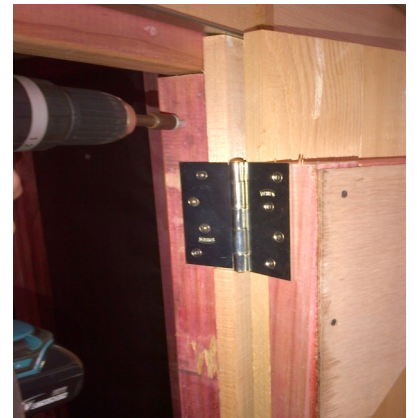
Step 19: Fit door stop in doorway. Check all wall panels are straight and panels either side of doorway are tight against door stop. Screw panels to floor using 1 x 75mm tek screw per panel. Screw near the panel joins, where possible. Nail door stop to floor using 75mm framing nails.



Step 20: Fit Door in position as shown.

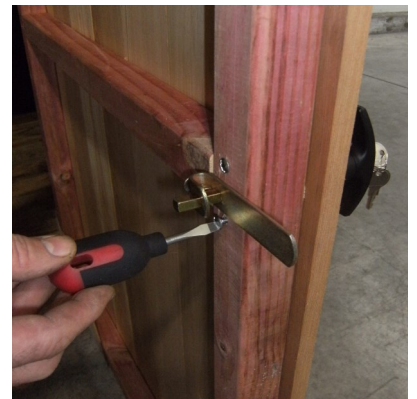


Step 21: Using 3 x 75mm tek screws, screw door stud to panel ensuring height is correct.



Check that door opens and closes correctly and height is correct.

Fit handle as shown. Attach with 2 x handle screws. Attach and tighten latch to square shaft.



Using 5 x 50mm beading nails, nail 20mm packer onto side of door opening as shown in Wall plan on pg. 5.

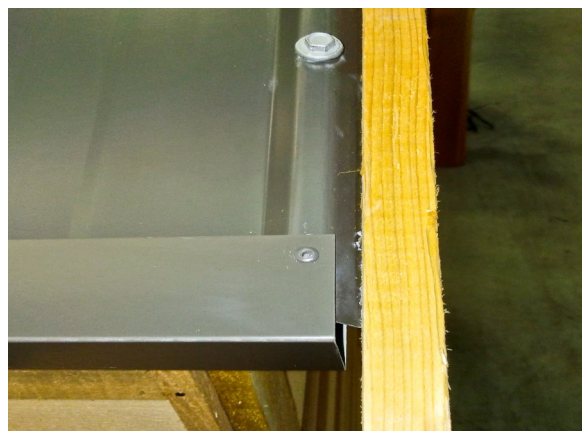


# MILLBROOK BARGE

Step 22: Attach barges with 2 x 50mm bead nails into each purlin. Nail diamond to barges with 2 x 50mm bead nails.



Step 23: Attach spouting channels to roof, leaving approximately 5mm at each end for water to run off. One rivet through both end ribs, then every second rib between.



Remember to remove all drill filings from your colour steel roof.

Your shed is now complete. You may protect Cedar by staining cedar weatherboards if required.

# CEDAR SHED WARRANTY

## GUARANTEE TO CUSTOMER

Congratulations on purchasing a quality New Zealand made Cedar 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 Cedar sheds with steel roofing if it is installed outside the inland corrosion zone or areas where the corrosion rate is more than 200g/m<sup>2</sup> (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.

Painting or coating of your Cedar Shed with a dark colour will cause increased timber temperature and movement which will render this warranty null and void.

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 Cedar Sheds manufactured by Riverlea Group Limited. Please refer to your assembly manual for more details.

Immediately coat all cedar walling cladding with "Endurance Cedar Wall Protector". Cedar walls are to be regularly recoated according to application instructions on the product packaging.

Immediately coat all cedar shingle roofing with "Endurance Cedar Shingle Protector" Cedar shingles are to be regularly recoated according to application instructions on the product packaging.

All steel roofing is to be kept clean and free of debris and washed annually with a hose and soft brush.

Timber floors, where supplied are to be kept out of direct water contact or runoff

The above guidelines will guarantee you a superior Cedar Shed that will offer you many years of outstanding usefulness.

# 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.*

