

GABLE TIMBER SHED - SUB FLOOR

COMPONENTS LIST – Timber and Parts pictures are contained in Installation Instructions.

Ensure you have all parts before leaving your distributor or commencing installation.

SUB FLOOR							
SHED SIZE		POSTS	BEARERS				
Front	Gable	90x90mm	150x38mm				
(m)	(m)	0.9m long	Front & Back		Gable		CHECK
		Quantity	Length	Quantity	Length	Quantity	
			(m)	(m)	(m)	(m)	
1.94	1.84	9	1.89	2	1.705	3	
2.54	1.84	9	2.49	2	1.705	3	
3.76	1.84	12	3.71	2	1.705	4	
1.94	2.44	9	1.89	2	2.305	3	
2.54	2.44	9	2.49	2	2.305	3	
3.76	2.44	12	3.71	2	2.305	4	
1.94	3.04	9	1.89	2	2.905	3	
2.54	3.04	9	2.49	2	2.905	3	
3.76	3.04	12	3.71	2	2.905	4	
STAIRS		0.58					
FIXING SCREWS		Quantity				CHECK	
Bugle	100mm long Allen key head.	9 post 65	12 post 81				
Bugle	70mm long Allen key head.	2					

BEFORE COMMENCING INSTALLATION:

1. Read all instructions thoroughly.
2. Stairs are sized for 450mm sub floor height. Due consideration of this should be given to sites with excessive amounts of fall.
3. Identify and segregate all components.
4. Gather required tools.



TOOLS REQUIRED:

- Variable speed drill with 5mm Allen key bit.
- Safety glasses.
- Shovel and crow bar.
- Level.
- Tape measure.
- Square.

Ensure underground services are clearly marked.

INSTALLATION INSTRUCTIONS – SUB FLOOR

1. Layout the bearers on the ground in desired position. Place the gable bearers inside the front and back bearers. Position the centre bearer / bearers equally spaced along the front and back bearers.



2. Check the frame is square by measuring the diagonals – both should be equal. If not move a corner as required to achieve square.
3. Using two 100mm bugle screws on each corner, screw through the side of the front and back bearers into the end of the gable and middle bearers. On completion check the frame is square as per step 2 above.



4. Mark the required number of post positions on the ground in each corner of the inside of the frame. Move the frame aside and dig post holes to an approximate depth of 0.45m.
5. Return the frame to position above the post holes and again check the frame is square as per step 3 above. Lower the posts into the holes on the inside of the frame.
6. Using a level to ensure one of the front corner posts is vertical, measure from the ground and place a mark at the preferred elevation height, less 90mm to allow for the height of the yet to be installed floor. (ie. For a 450mm elevation, the mark to the ground measurement should be 360mm.). Raise the frame above the ground and align the top of the frame to the mark. Screw through the centre of the bearer into the centre of the post.



7. Use a level on top of the bearers and on the sides of each post as you work from post to post. Screw through the centre of the bearer into each post.
8. Using two 100mm bugle screws in an angled pattern from the top to the bottom of each bearer, complete screwing each bearer to the posts.
NB: Using a level, ensure bearers remain vertical whilst screwing them to the posts.



9. Cut any excess length off the posts such that they protrude 50mm to 60mm above the top of the frame.
10. Place the floor frame onto the bearers. Hold the floor frame flush to the front of the elevation frame and lower into position. The frame is designed to be a tight fit and may require gentle persuasion with a hammer. Final positioning is achieved when the floor joists are in full contact with the bearers, with the frame flush to the front.
11. Using one 100mm bugle screw on each post, screw through the outside floor joists into the side of each post.
12. Check again that the frame is square and level. Mix 1 shovel of cement to every 4 shovels of suitable aggregate to fill the post holes. Compact with the blunt end of a crow bar. Add one bucket of water to each hole at the completion of the shed installation process.
13. Place stairs in desired position against the edge of the floor. The top of the stair frame should be level with the top of the floor and the bottom of the frame must have solid even contact with the ground. Using two 70mm bugle screws, attach the front plate of the stairs to the side of the floor.
14. Follow timber shed installation instructions to complete the installation process.