

FUN FORT

1500mm Floor Height

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

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

PANELS	DESCRIPTION	NOTES	QTY	CHECK
Floor	1200mm deep, 1200mm wide.	Bearers attached to side walls.	1	
Servery Wall	1200mm wide, 2300mm high	Servery boards attached to bottom.	1	
Entrance Wall	1200mm wide, 2300mm high	Sand pit board on bottom.	1	
Rock Wall	1200mm wide, 1800mm long		1	
Rope Ladder	1200mm wide, 1800mm long	Rope fitted.	1	
Steel Ladder	520mm wide, 1980mm long	Ladder insert attached.	1	
PARTS				
Loose timbers	150mm x 38mm, 1020mm long 150mm x 38mm, 1200mm long 70mm x 45mm, 1200mm long 90mm x 35mm, 800mm long	Counter top for servery. Sand pit / brace boards. Floor joists. Vertical top steel ladder support.	1 2 2 1	
Roof timbers	70mm x 45mm, 2000mm long. 70mm x 45mm, 1200mm long. 70mm x 45mm, 700mm long.	Long roof frames. Roof frame cross members. Roof upright supports.	2 5 2	
Roof Material	3m x 1.2m	Coloured fabric.	1	
Slide	3.1m Slide		1	
Rocks	Coloured rocks for wall		10	
D Handles	Coloured D Handles		2	
Hand Grips	Coloured Hand Grips		2	
T Brace	Yellow metal roof brace	Braces roof upright supports.	2	
FIXING SCREWS	Torx 50 security bit		1	
Ground Anchors	400mm rods with attach point.		4	
Bolts (Bit supplied)	120mm long with barrel nuts.		4	
Particleboard	75mm long Phillips head.		4	
Tech	20mm long 8mm Hex head.		12	
Particleboard	50mm long Phillips head.		2	
Tech	35mm long 8mm Hex head		32	
Bugle	70mm long Allen key head.		19	
	100mm long Allen key head		28	



BEFORE COMMENCING INSTALLATION:

1. Read all instructions thoroughly.
2. Ensure the site is level.
3. Identify and segregate all components.
4. Gather required tools.

TOOLS REQUIRED:

Variable speed drill with 4 bits – 8mm Hex socket, 5mm Allen key, Phillips head. Torx 50 security bit supplied. Safety glasses. Tape measure.

For site levelling, if required – Shovel, level, and a straight edge.

Ensure underground services are clearly marked.

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FUN FORT INSTALLATION INSTRUCTIONS –

1. Ensure the site is level and even. If not cut and fill. Use a straight edge and level to remove any uneven areas. Pack down firmly.
2. Lie the side walls on the ground in the desired position, with the servery wall pointing in the direction from which the rock wall and rope ladder will run at right angles.
3. Using a level, stand the servery wall vertical – bottom servery boards face to the outside. Position a sand pit / brace board flush with the outside edge of the 90mm wall post. Using two 100mm bugles, screw through the 150mm face of the sand pit / brace board into the side wall post. Figure 1. Repeat on the other end of the servery wall.



Figure 1



Figure 2

4. Using a level, stand the entrance wall vertical – the bottom sand pit board faces to the outside. Align the outside edge of the connecting sand pit board with the outside edge of the post and attach using two 100mm bugle screws on each end. Structure should look like Figure 2.
5. Measure from the ground up on the inside of a wall post and place a mark at 1165mm. Figure 3. Using a level mark the inside of the other posts in the same position.



Figure 3



Figure 4

6. Position a floor joist on the inside of the structure, spanning between the two wall frames. Align the 45mm top face of the timber level with the mark. Ensure the ends are flush with the outside edge of the wall posts. Attach using a 100mm bugle screw on each end. Screw through the 70mm face of the timber into the 90mm post. Figure 4. Repeat this process on the opposite side of the fort to connect the two walls on that end.

7. Position a roof frame cross member above a floor joist on the outside of the posts, with the 45mm timber face flush with the top of the posts, and the ends flush with the outside of the posts. Attach using a 100mm bugle on each end. Screw through the 75mm face into the post. Repeat this process on the opposite side.
8. Position the floor panel onto the joists as per figure 5. There should now be two side walls standing vertically, connected by the floor joists, with the floor panel in position. The structure should look like figure 6.



Figure 5

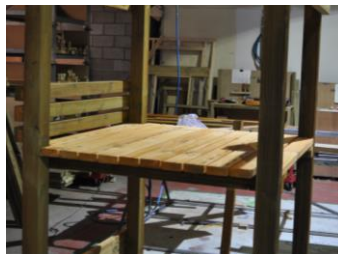


Figure 6

9. Using 75mm particleboard screws, screw through the 90mm top face of the floor into the joist below in each corner. Figure 7.



Figure 7

10. Remove the temporary brace at the top of the entrance wall. Replace with a long roof frame timber. Position with the 45mm face flush with the top of the wall posts, and the ends overhanging past the post by 400mm. Attach using 120mm bolts through the 70mm face into each post. Fit and tighten barrel nuts from the inside through the post. Repeat this process on the opposite side.



Figure 8

11. Position a 1200mm long 70x45mm roof frame cross member inside the ends of the long roof frame timbers and attach on both sides using a 100mm bugle screw. Screw through the 70mm face of the long roof frame timbers into the end of the roof frame cross members. Figure 8. Repeat this process on the other end.
12. Fit the T braces in the centre on the inside of both sides of the long roof frame timbers as per Figure 9. Attach using four 35mm tech screws in each.



Figure 9



Figure 9

13. Position the roof upright supports on top and central on the long roof frame timbers on both sides. Fix to the T braces using two 35mm tech screws. Using a 100mm bugle on each side, screw up through the bottom of the long roof frame timber into the base of the roof upright supports. Figure 10.
14. Position a roof frame cross member inside the top of the roof upright supports. Attach using a 100mm bugle screw from both sides.
15. Take the 800mm long 90x35mm vertical top steel ladder support and place it against the top cross member. Leaving a 430mm gap between the inside of this timber and the inside of the post, screw through the 90mm face into the cross member using a 70mm bugle screw. Figure 11. Using a 70mm bugle, screw up through the floor into the base of the support timber. Figure 12.



Figure 10

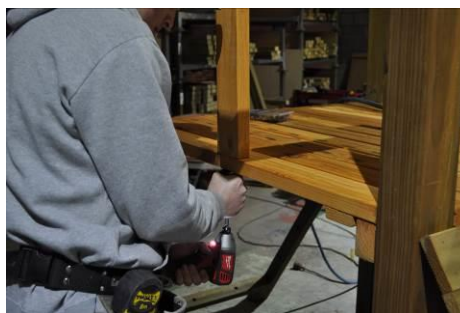


Figure 11

16. Position the rock wall and on the opposing side the rope ladder. On both the top of the frame slides under the floor deck, inside the corner posts, resting against the floor joist. Attach at the top using 100mm bugle screws through the 75mm timber frame face into the corner posts.
17. Position the ladder frame against the corner post and vertical support. Using a 70mm bugle on each side, screw through the 45mm face into the corner post and vertical support.

18. To fit the roof, screw one end of the material onto the inside of the roof frame above the rock wall. Ensure that the material wraps squarely under the bottom of the roof frame. Once screwed onto the roof frame at one end, pull the material up and over the very top of the structure and wrap around the roof frame above the ladder frame. Tension the material before screwing to the roof frame using x6 20mm screws evenly spaced on each end. Figure 13.



Figure 12

19. Attach the slide to the opening next to the ladder. Using 50mm Particleboard screws, screw through the holes in the corner of the slide into the floor. Note: Do not overtighten. Screws only need to be firm against the plastic surface of the slide.
20. Attach D-Handles to the 90mm x 90mm frame of the ladder using 70mm bugle screws. Attach one on the middle 90mm x 90mm frame and one on the right hand side of the ladder.
21. Attach the two hand grips to the corner posts at the top of the ladder using 70mm bugle screws. Place one on the centre post and one on the right hand corner above the ladder.
22. Attach rocks to the rock wall as per your own arrangement, using 35mm Tech screws. There are a total of 10 rocks to be attached to the wall.
23. Attach the counter top to the servery using three 70mm bugle screws. Position with the angled corners facing outward and finishing flush with the corner posts.
24. Hammer the ground anchors in on an angle adjacent to each corner post to ground level. Attach to the posts using 70mm bugle screws.