

# ASSEMBLY OF NOTTINGHAM PLAYHOUSE - ESSH1024

Adult Assembly Only - Do not attempt to modify this Playhouse

Thank you and congratulations on the purchase of your European Shed Garden Building. We believe that this product will give you many years of excellent service. This is a natural product manufactured to a high standard. If you have any questions or experience any difficulties please call our toll free customer service hotline at **1.800.584.5840**. We are open 8am to 6pm Monday through Friday and 9am to 5pm MST on Saturday.

## PREPARATION OF BASE

The base on which your building will stand should be at least 3" larger in each direction than the total floor size of the building.

Actual floor size of the building: 7' 10" x 5' 5"

Total height clearance: 7' 8"

Your chosen installation site should be excavated to a depth of 3" to allow a base of sand on which paving stones can be evenly laid - they must be level and firm.

## TREATMENT/CARE OF YOUR GARDEN BUILDING

Prior to assembly, treat all pieces with a protective wood treatment (stain/finish/paint/sealant). It is recommended to treat your shed again within 3 months of assembly and on an annual basis.

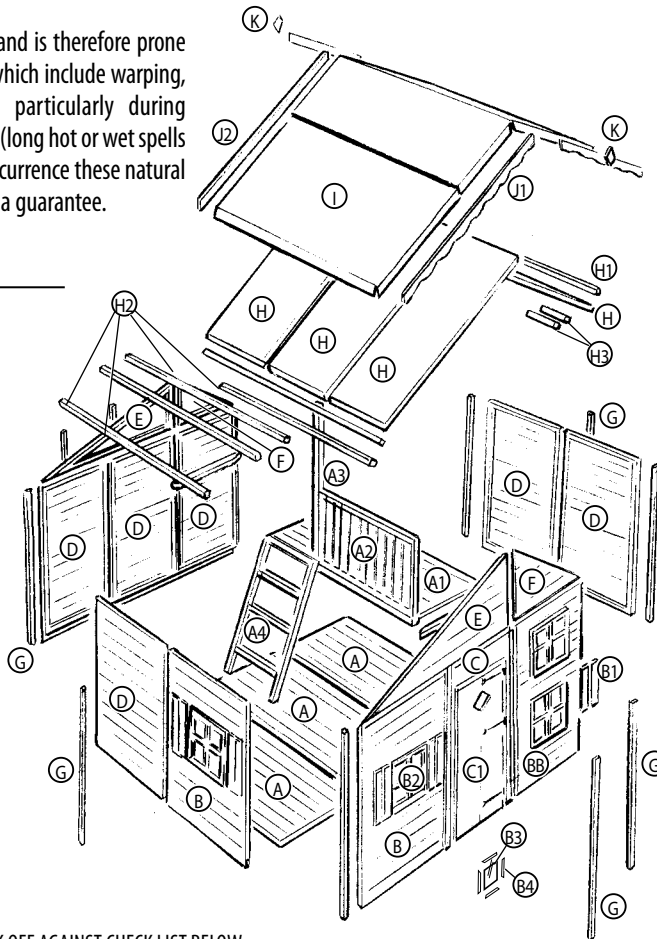
Treat all panels in an upside-down position to allow the stain/finish/paint/sealant to get into the tongue and groove jointing.

It is unlikely you will be able to re-treat the underside of the floor following assembly. Therefore, it is strongly recommended to treat the underside of the floor at least twice prior to assembly. Use only child safe wood preservative and allow to dry thoroughly before further use. Do not use creosote.

## PLEASE NOTE

Wood is a natural product and is therefore prone to changes in appearance which include warping, movement and splitting, particularly during unusual climatic conditions (long hot or wet spells of weather). As a natural occurrence these natural changes are not covered by a guarantee.

## PARTS LIST



PLEASE LAY OUT PARTS AND CHECK OFF AGAINST CHECK LIST BELOW:

QTY	DESCRIPTION
Balustrade Railing (A2):	
2	38" Rebated sections
1	51" framework (A3)
8	26" slats (12 x 70 mm)
1	25" framework
Shutters (B1):	
16	2" x 20" long shutter pieces
16	80 mm blocks
Ladder (A4):	
2	notched posts 41" long
5	18" steps
Floor (A):	
8	14" framework
For Upstairs support:	
1	28" framework

QTY	DESCRIPTION
Building Parts:	
18	Timber Sections (Ax3, A1x1, Bx2, Bx1, Cx1, Dx6, Ex2, Fx2)
4	Window Inserts (B2)
16	Window glazing material (B3)
64	Pieces beading (B4)
1	Door (C1)
12	Cover strips (10 @ 5'6", 2 @ 19") (G)
6	OSB Roof Panels (3 large, 3 small) (H)
4	Roof framework @ 3'1" (H1)
4	Roof joists @ 5'3" (H2)
4	Roof Blocks @ 9" (H3)
1	18' roll of felt (I)
2	Profiled Facia (J1)
2	Plain Facia (J2)
2	Diamonds (K)

QTY	DESCRIPTION
1	Piano hinge (or two sections)
3	False hinges
4	Window Hinges
2	Casement Stays
4	Casement Stay Pins
1	Ring Handle
1	Door Catch
1	Block of wood
2	Vents
1	Door glazing material
4	Door rebated pieces beading
255	25mm Screws
84	60mm Screws
12	12mm Black Screws
74	40mm Nails
10	80mm Screws
110	Felt Nails
128	Panel Pins

**EUROPEAN SHEDS<sup>SM</sup>**  
■ Distinctive Quality & Craftsmanship ■



Completed Nottingham Playhouse

Warning: The Playhouse contains stairs that present a falling hazard to younger children. Ensure all children that play in the house are aware of the danger and are able to cope with it. Adult supervision is recommended and boisterous play within the house should be discouraged.

## TOOLS REQUIRED

- Screwdriver (electric is best)
- Drill and 6mm drill bit
- Hammer
- Sandpaper (to smooth any rough edges)
- Cutting knife
- Tape measure
- Step ladder
- Ruler
- Pencil
- Saw
- Chisel

## IMPORTANT!

### PLEASE READ PRIOR TO ASSEMBLY

Every precaution is taken to ensure that your building arrives in the best possible condition. However, PRIOR TO USE please check all surfaces for the following:

1. RAISED GRAIN, SPLINTERS: sand down timber to smooth finish
2. NAIL/SCREW/PIN HEADS PROUD: tap home to be flush with surface of timber
3. DAMAGED SCREW HEADS RESULTING IN SHARP SPLINTERS OF METAL: replace
4. SHARP ENDS OF NAILS/ SCREWS/ PINS PROTRUDING THROUGH THE PANEL: remove and reposition
5. ENSURE ALL PARTS ARE SECURED AGAINST REASONABLE FORCE: remove and refit
6. ENSURE THERE ARE NO LOOSE PARTS: remove and refit/discard

WEAR PROTECTIVE GLOVES DURING ASSEMBLY



# ASSEMBLY OF BUILDING - Please read instructions prior to assembly

## A - Construct Balustrade Railing (using 3mm drill bit)



1. Place the two rebated sections on a firm, level surface. Place two slats at either end of the rebated section. Drill and screw into place using (2) 25 mm screws per slat, one at either end.



2. Space out remaining slats at approx 2 1/2" intervals. Drill and secure in place using (2) 25 mm screws per slat, one at either end.



3. Place the 25" framework behind the edge of the slats. Drill and screw into place using (3) 25 mm screws through the slat into the framework.



4. To the other end fit the 51"(A3) piece of framework. The piece of framework should be fitted flush with the slats. Drill and screw into place using (2) 60 mm screws, one at either end.

## B - Construct the Shutters (using 3mm drill bit)



1. Place two pieces of shutter side by side; the edge to edge measurement should be approx 4 1/2". Place one block in the center of two shutter pieces approx 3" from the top edge and affix with (4) 25 mm screws in each block with two screws going into each shutter piece. Place a further block at the bottom and affix as described above. Repeat.

## C - Construct the Ladder (using 3mm drill bit)



1. Drill through the center of each notched area on both posts where a step will be screwed into place.



2. Fit three step sections into each notched section of both posts. Screw each step into place using (2) 60 mm screws, one at each side.

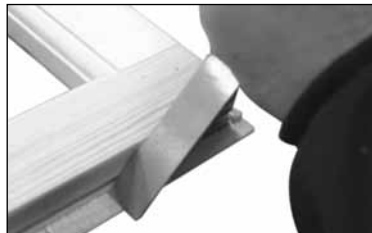


3. Fit top step into place. Secure in place using (2) 60 mm screws, one at each side.

## D - Fit Windows (from top)



1. Fixed windows (two are standard) - One of these **MUST** be the top window. Drill guide holes, 2 at the top of the frame and 2 at the bottom. Secure in place using (4) 60 mm screws.



2. The hinges should be recessed into the window frames (B2) to a depth of 1/8". To do this place one hinge on the inner rebated part of the top of the window. The rounded part of the hinge should sit above the outer edge. Mark the position of the hinge on the weather proofing part of the window insert. Remove the hinge. Chisel out the timber to a depth of 1/8" in the positions marked. Repeat.



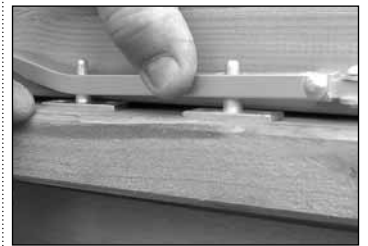
3. Place the hinge back onto the insert and screw the inner piece into position using the predrilled holes in the hinge and (2) 25 mm screws. Repeat.



4. Place the window into the aperture. Secure the window to the panel using (3) 25mm screws per hinge, again through the predrilled holes in the hinge. Repeat.



5. Open the window and fit a further (2) 25mm screws per hinge next to the one already fitted in Step 1. Repeat.



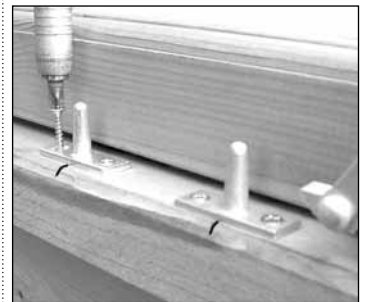
6. Fitting the Casement Stay: place the casement stay centrally on the inside of the window. Place the 2 pins under the casement stay. Position so that it is not resting on the framework of the panel and not so high that the pins are of no use.



7. Fit the Casement Stay on the window using (2) 25mm screws.



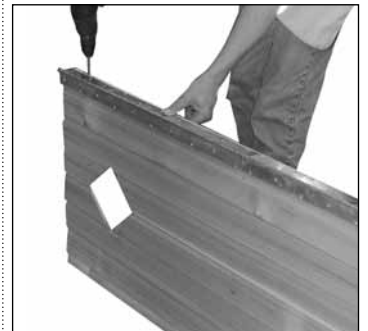
8. Mark where the pins will be placed.



9. Secure into position using (4) 25mm screws - 2 in each pin.

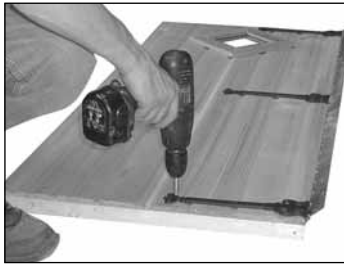
## E - Prepare Door

1. The piano hinge can be placed on the left or right hand side of the door (C1).



2. Place the hinge section(s) on the door, making sure that the hinge does not protrude at the top or bottom of the door. Ensure that the door will open outwards when the door is hung on the building. Secure into place using 25 mm screws in 10 of the available holes spaced evenly along the length.

# ASSEMBLY OF BUILDING - Please read instructions prior to assembly



3. Remove protective film from both sides of the door glazing material and lay over the diamond-shaped cutout in the door. Lay four wooden angled and rebated pieces on top of the glazing and secure using (8) 25 mm screws – (2) per piece.

4. Place the three false hinges in position on the front of the door. Ensure the screws go through the framework on the back of the door. Screw into position using (4) 12 mm black screws per hinge.



5. Fit the ring handle to the door in line with the center door framework using (4) 25 mm black screws ensuring the screws go through the framework.



6. Fit the door to the panel using 25 mm screws in 10 of the available holes spaced evenly along the length.

## F - Prepare Floor

1.



In each of the middle sections of one floor (A), place a block of framework. Nail into place using (3) 40mm nails for each piece of framework. In two middle sections of both of the other two floor panels, nail blocks using (3) 40 mm nails per block.



2. Turn the floor pieces over and place blocks to blocks. Screw the floor together through the blocks using (2) 60 mm screws in each block.

3. Turn the assembled floor back over and lay on a firm level base.

4. If still untreated, treat the entire floor at least twice with a wood preservative.

## G - Fit Walls



1. Place a bar in one plain side panel (D). Measure from the bottom of the top piece of framework of the panel to the top of the bar 740 mm. Drill the edge of the panel and screw the bar into place using (1) 60 mm screw at either end. This panel **MUST** be fitted opposite the double window panel.

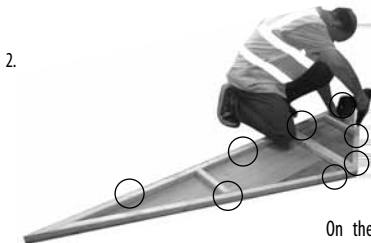


2. The double window (BB) panel must go at either side of the front. Decide where you would like the window panels. Place two wall panels (D) in position in a back corner. Drill guide holes in one panel only. Screw to the other panel using (2) 60 mm screws in each panel. Repeat.

## H - Fit Gables



1. Attach the two half gables (E & F) together. Drill and screw fix using (2) 60 mm screws. Repeat.



2. On the side that is angled, drill holes above each upright in each gable section – 4 in each double gable section. Drill a further 4 holes along each horizontal piece.



3. Secure the gable sections to the walls using the 4 pre-drilled holes using (4) 60 mm screws. Repeat.

4. Place vents into the aperture in gable panels.



## I - Upstairs



1. Place the upstairs floor (A1) on top of the bottom window and the bar previously fixed to a plain side panel.



2. Attach the floor into position, using (2) 60 mm screws at each side, up through each bar and into the floor.



3. Fix the upstairs floor to the framework of the two side walls using (2) 80 mm screws.



4. Place the balustrade railing against the side of the upstairs floor and against the gable wall. Mark on both sides of the balustrade railing where the railing (A3) meets the bottom edge of the gable framework. Connect the two marks and cut the balustrade railing.



5. Using the predrilled holes in the gables, fit four roof (H2) joists using (8) 80 mm screws one in each end.



6. Place the balustrade railing in front of the upstairs floor flush to the front wall. Drill and screw into position using (3) 60 mm screws along the bottom of the balustrade into the upstairs floor.



7. Attach to the front wall using (2) 60 mm screws.



8. Attach the ladder (A4) to the upstairs floor using (2) 60 mm screws.



9. Attach the framework of the balustrade railing to the roof joist using (1) 60 mm screw placed at an angle.

Turn over

# ASSEMBLY OF BUILDING - Please read instructions prior to assembly

## J - Fit Roof



1. Attach a piece of framework (H1) to one edge of one large roof piece (H) using (4) 25mm screws. Place this roof panel in position at the rear of the building. Ensure that the roof is flush with the back wall and screw into place using (3) 25mm screws into the back wall and (2) 25mm screws in each roof joist (H3).



2. Attach a further roof piece (H) and a further piece of edging framework (H1). Attach using (3) 25mm screws in each joist and (2) 25mm screws into each roof edging piece.

3. Fit the final roof piece as previously, using (2) 25mm screws into each roof joist and roof edging and (3) 25mm screws into the front wall. This roof piece will leave an overhang. Repeat on the other side.



4. Fit 2 small roof blocks (H3) to center of overhang and 1 block halfway along each half roof. Secure in position using (2) 25mm screws per piece.

## K - Felt Roof

1. Break open roll of felt (I) and lay out on an even surface.



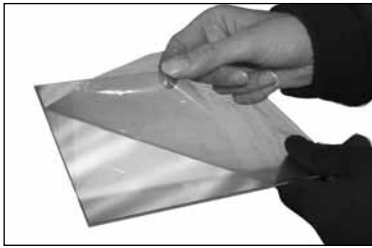
2. Measure out and cut 3 strips 6'6" long. Lay one piece of felt along the longest lowest edge of the roof. An overhang of approx 1 1/2" should be allowed on each of the 3 sides. Secure using 13 mm felt nails at approximately 4" intervals, but do not nail down along the center of the building.

3. Repeat on the other side.



4. Place the final strip over the ridge overlapping the other 2 pieces already laid. Secure using 13 mm felt nails as previously.

## L - Glazing



1. Remove protective film from both sides of each pane of window glazing material (B3).



2. Place glazing material (B3) into the aperture of each window.



3. Hold into position with four pieces of beading (B4). The beading may need to be swapped around to get the best fit. When satisfied, secure into position using (2) 15mm panel pins per piece of beading.

## M - Door Catch Assembly



1. Drill 2 holes into the wood block and secure to inside of door opening flush with the aperture using (2) 60mm screws.



2. Secure door catch to inside of door approximately centrally alongside the wood block and secure using (2) 25mm screws.



2. Fit cover strips (G) over each panel join and in each corner using (3) 40 mm nails per piece. There are two small cover strips to cover over the gable joins. Secure using (2) 40 mm nails per piece.



3. Close the door and attach the door catch together and mark the required position of the door catch housing. Secure using (2) 25mm screws.



3. Fit facia and diamond to front and back roof edging. The profiled facia (J1) goes at the front of the building. Secure using (3) 40 mm nails for each length of facia and (2) 40 mm nails for each diamond (K).

## N - Finishing Touches



1. Fit shutters (B1). One person holds it in place and another secures it from the inside using (4) 25 mm screws, 2 into each block.



4. Drill and screw all side panels to the floor on the inside of the building using (1) 60 mm screw per panel, into a floor joist if possible.

## ASSEMBLY COMPLETION CHECKLIST

1. Check and ensure that no raised grain or splinters are evident on timber components. Sand down any raised grain or splinters using fine grade sandpaper.
2. Check that all screw, nail and pin heads are properly tapped home and are not proud of the timber surface.
3. Check and ensure that no screws, nails or pins protrude through any panel.

4. Check and ensure that all parts are properly secured against reasonable force.
5. Do not apply decorative wood finish/treatments to wet or damp timber. Please observe the instructions of the wood finish/treatment manufacturer.
6. Adults need to check the playhouse regularly and maintain the playhouse in good condition to provide a safe play environment. Do not use if damaged. If damaged the playhouse should be properly and safely repaired before further use by children.