GENERAL ASSEMBLY INSTRUCTIONS - APEX GARDEN SHEDS

A. Ensure that all component parts are available to complete the assembly of your garden shed, these are:
a) Floor. b) Pair of end gables (one with door built in). c) Pair of side panels (one with window frame). d) Roof in 2 parts. e) 4 Bargeboards. f) 2 Finials. g) 4 Corner Strips. h) Glass/Perspex for windows. i) Pack of fixing bolts, nails etc. j) Roofing Felt.
(image 1) Note that for buildings 10ft or longer, certain panels may be in two or more sections.

B. Lay the floor panel in the desired position. It is imperative that the floor panel be laid on a firm level base. Check that this is so by using a spirit level before proceeding. Each floor joist should be as near as possible supported along its full length. The underside of this floor must be treated with a quality wood preserver (if this has not been treated in our factory).

C. Position one end gable panel on to one end of the floor panel.

D. Offer - up side wall panel and secure this to the end gable by using coach screws provided which fit through the pre-drilled holes in the gable, from the outside. **(image 2)**

E. Place second gable panel in position and secure this to the side panel, again using the coach screws provided as in Paragraph D.

F. Offer up the second side wall panel and secure this as instructed in Paragraph E above.

G. Check that the sides are at right angles to the gables and to the floor then tighten all coach screws and secure the sides and gables to the floor panel with 65mm (2½") nails provided, ensuring that the nails are driven through side panel base rails, through the floor boards in a position where they will finally penetrate the floor joist. **(image 3)**

H. Place roof panels in position and secure these internally to each other, with 65mm (2½") nails provided **(image 4)**, ensuring that the overhang of the roof is equal at the end of each gable, then nail the roof to gables and side frame with 38mm and 65mm nails provided. **(image 5)** If at this point the roof panels do not align correctly, the door does not open / close properly or the building looks twisted at all then it would suggest that the base is not correctly level. Therefore, one or more corners of the building may need adjusting so the base is square. *For larger buildings, there may also be a roof truss to install before the roof panels go on – details for installing the roof truss can be seen at the bottom of this page.*

I. Roll out the mineral roofing felt along the lower part of one side of the roof. Allow sufficient overhang to fold down onto roof framing (but not the underside of the roof). Use clout nails to tack into framing and along the top edge of the felt. Repeat this operation on the other side of the roof. On some wider sheds you may be provided extra felt to cover the ridge of building. On smaller buildings (7x5 etc) there will be adequate felt without the need for the ridge piece as long as the felt has not been set too low. The ridge piece should overlap the lower strips of felt equally on either side, and leave approx. 75mm (3") of felt overhanging each end. **(image 6)**

J. Fit the barge boards to the roof panels, trapping the overhanging end of the felt in between to provide a weather seal. **(image 6)**

K. Secure the diamond finials over the top of the bargeboards. **(image 6)**

L. Secure the corner strips at each corner of the shed with the 38mm (1½") nails provided. **(image 7)**
Please do not confuse these corner strips as window beading. Also please be aware that the strips may need cutting to length.

M. Glaze windows by securing glass/perspex with panel pins supplied.
It is important that all windows are subsequently sealed inside and out with silicone, putty or any other water-tight solution (not supplied).

SEMI - SPECIAL SHEDS
A number of other garden sheds are assembled in a similar manner to the Apex model, but with variations. These are as follows:

N. APEX SHEDS 10'x6' AND LARGER
Apex models 10'x6' and larger incorporate an additional roofing truss. This is fitted immediately above, and secured to, the central vertical support of the side panel, described as follows:
i. Remove the metal 'Z' clips that are attached to the 'Tie Beam' of the roof truss and reattach to the end of the 'Common Rafter' with the 38mm (1½") provided. **(image a)**
ii. Carefully place the roof truss onto the side walls ensuring that the king post points upwards at 90 degrees and that the truss is positioned in a central position to support the full length of the building effectively. Fix the roof truss to the side wall panels using the 65mm (2½") nails through the metal 'Z' clips that sit on top of the side walls. (You may need someone to assist by holding the truss in place to ensure it does not fall or twist.)
iii. If your roof comes in four separate panels you may find it easier to fix the quarters together to create two larger roof panels. Batons may be provided to help you join the roof panels. **(image b)**
iv. Position the roof panels on to the garden building so that they sit on top of the roof truss and onto the gable ends and side wall panels. Nail the roof panels into the side walls with 65mm (2½") nails into the upright pieces of framing below and nail the roof panels in the gable ends with the 38mm (1½") nails.
v. Finally, affix the roof truss to the roof panel by nailing through the framing of the roof truss into the underside of the roof framing using the 65mm (2½") nails. **(image c)**

O. PANELS MADE IN TWO OR MORE SECTIONS (i.e. 12ft sides and above)
These are attached using the 65mm (2½") nails provided through the internal framework on an angle. You may be supplied a cover strip to cover the external join.

P. HEAVY DUTY SHEDS
A special pack of coach screws and 100mm (4") nails are supplied with each Heavy Duty Shed.

Q. VERANDAS
Certain models are made with verandas. In principle these sheds are a variation of the Apex shed with an oversized floor and overhanging roof. The roof is supported by side rails. These rails may have to be cut down. **(image 8)**

R. CHILDREN'S PLAYHOUSES
When assembling the Playhouses with an internal floor, ensure that you fit this before the roof is added. Perspex will always be provided rather than glass for safety.

SHED AFTER CARE
Your garden building should be treated shortly after assembly and then annually thereafter with a high quality preservative (such as Cuprinol Shed and Fence Preserver) and all glazing units must be sealed, inside and out, with silicone, timber beading or any other water tight sealant. We do not carry out this service, but the equipment and Silicone sealant is readily available from all DIY stores.
You should also ensure that your new building is covered on your household insurance policy, as we cannot be held responsible for damage caused by storms and vandalism.