

# The Challenger Apex Shed 10' x 8'



## **With all buildings it is important to provide a firm level base before assembling your shed.**

If a concrete base is being used we recommend this does not extend beyond the dimensions of the shed to stop water falling from the roof and collecting on the concrete base. This can be avoided by making the base for this shed 3000 x 2400mm.

1. Lay out the 2 base panels upside down onto a flat surface and bolt together using 4 bolts, nuts and washers. (8mm holes need to be drilled through the frames of the 2 panels).
2. Fix the front panel to a side panel on each side using 6 screws. Make sure the panels are square and the cladding overlaps the base. (It is your choice where to place the panels with windows).
3. Fix the 2 remaining side panels using 3 bolts and nuts with 3 washers and repeat for the other side. (Again 8mm holes need to be drilled through the frames of the 2 adjoining side panels). Once the back panel has been fixed to the side panels make sure the whole shed is square and the cladding overlaps the base. Then fix each panel to the base using 2 screws for each panel.
4. Place a roof panel onto the top of the shed. The batten will fit in a central recess on the front and rear apex panels. Repeat for the other roof panel. Screw the roof into place with 9 screws in each roof panel. After this fit the long fillet in the gap between the 2 roof panels.
5. Fit 4 x corner fascia's with 3 x 40mm nails in each.
6. Measure the length of the roof panel and add 100mm for cutting the lengths of felt. (3 lengths will be needed). Lay the first 2 pieces along the length of the roof overlapping the side of the roof by 60mm. Lay the 3<sup>rd</sup> piece of felt along the centre of the roof to overlap the other 2 pieces.
7. Nail the felt around the outside of the roof every 10cm.
8. Place a glass panel into the window frame using a suitable sealant, then nail the 20x20mm interior beading strips into place starting with the bottom strip using the galvanised nails.
9. Fit roof fascia pieces in place on the front and rear of the shed and screw into place with 2 screws in each piece.

10. The 2 side panel filler pieces should be placed on the outside of the shed over the point where the 2 side panels meet. Screw into place.

### **Supplied Parts**

2 x Base Sections  
4 x Side Panels (2 with windows)  
1 x Back Panel  
1 x Front Panel (with door)  
2 x Roof Panels  
Beading Strips for Windows  
2 x Side Panel Filler Pieces  
4 x Roof Facia Pieces  
1 x Roof Fillet  
Roof Felt  
Glass

### **Fixings Kit**

60 x Screws  
24 x 30mm Wire Nails  
100 x 15mm Felt Nails  
10 x 90mm Bolts  
20 x Washers

(A drill with an 8mm bit is needed)

### **Please read carefully**

Your shed has been pressure preservative treated, which is designed to prevent rot and insect attack for up to 15 years and to give softwood construction and landscaping timber products an extended and low maintenance service life.

The treatment is not intended to perform as a waterproofing agent.

When using pressure treated cladding timbers in the construction of sheds or garden buildings the following guidelines should be followed to help prevent any water ingress: 1. The Timber Research and Development Association (TRADA) recommends a 16-19mm nominal thickness for cladding timbers, this shed has a nominal cladding thickness of 19mm. 2. Fixings should only be driven marginally below the surface of the cladding timbers. 3. A suitable airflow should be allowed throughout the structure to assist on-going drying, during which it is perfectly normal for some shrinkage of the cladding timbers to occur. 4. The dry, external timbers can have a water ingress protection added with the application of an appropriate and well maintained water repellent coating. This would involve a proprietary water repellent coating product which could be applied to the dry external timbers following the relevant manufacturer's guidelines.