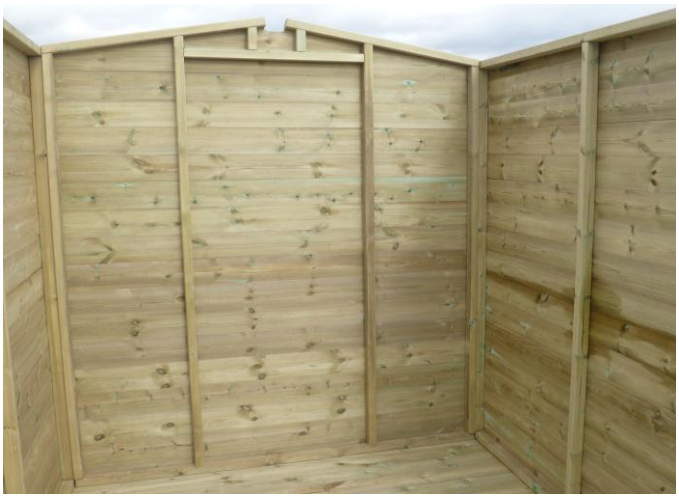
# The Challenger Apex Shed 8' x 6'

**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 2400 x 1800mm.

1



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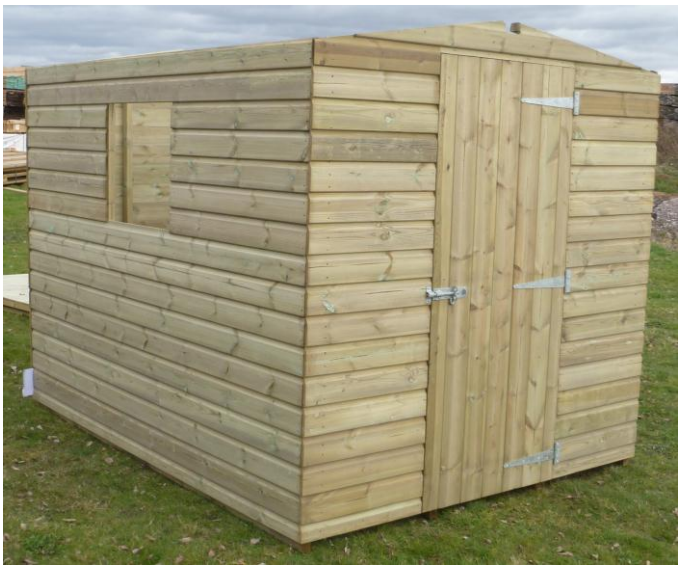

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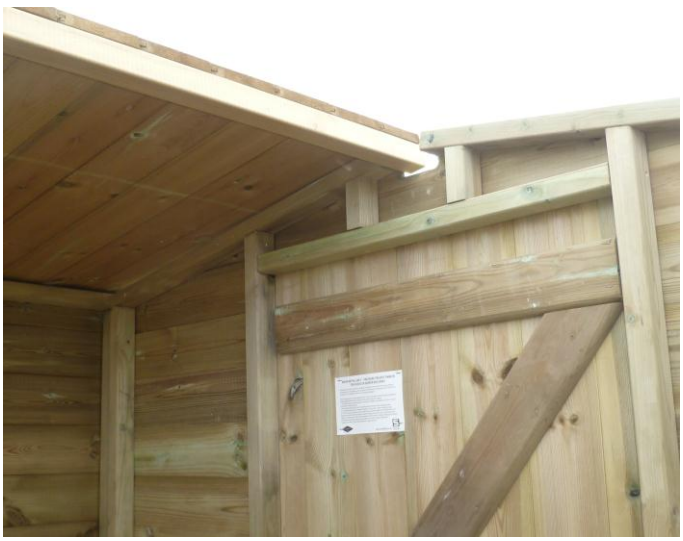

1. Place the floor section on the base you have prepared and fix the back panel to one side panel screwing through the vertical battens of the back panel into the battens on the side panel (3 screws). Repeat when fitting the other side panel (3 screws).

2. Fix the front panel (with door) to the 2 side panels as in part 1 (6 screws). After all the panels are fitted together, make sure it is all square and the cladding overlaps the floor.

3. Place one roof panel on to the top of the shed. The batten will fit into a central recess on the front and rear panels. Repeat for the other panel. Then screw into place using 9 screws into each roof panel. (18 screws). Once the roof is screwed into place, fix the panels to the floor section. Use 3 screws for each side panel and 2 screws each for the front and back panels. (10 screws).

4. Fit the long fillet in the gap between the 2 roof panels as shown in the photo on the next page.

5. Fit 4 x corner fascias 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). Once the felt is cut lay the first 2 pieces to overhang the side of the roof by at least 60mm. Lay the 3rd piece of felt along the centre of the roof to overhang the other 2 pieces.

7. Nail the felt around the outside of the roof every 10 cm.

8. Place the glass panel into the window frame using a suitable sealant, then nail the 20mm x 20mm interior beading strips into place starting with the bottom strip.

9. Fit fascia pieces into place on front and rear of shed and screw into place with 2 screws in each panel. (8 screws)

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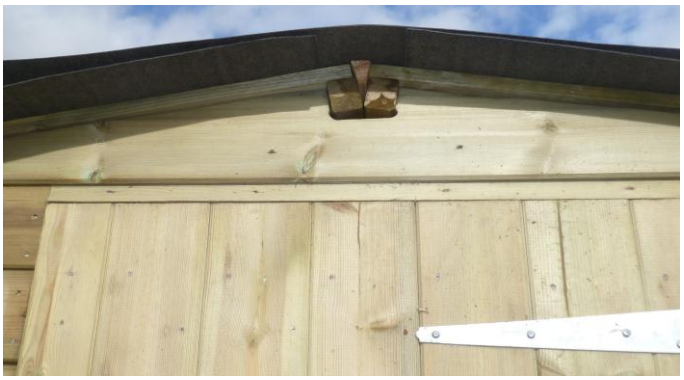

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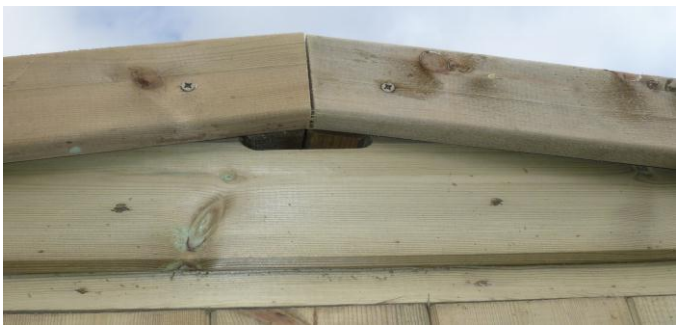

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## Handy Tips for good shed maintenance

Keep the area surrounding your shed clear of any grass or vegetation including pruning any trees overhead.

| Kit List (may include more than required) | |
|---|---|
| roll of felt (10m) | 1 |
| glass | 1 |
| felt nails 15mm | 100 |
| Wire nails 30mm | 12 |
| screws | 48 |
| galvanised nails 40mm | 12 |

**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.