

## **Build – ProTeam Awning**

- 1) *Layout Framework – (See Plan)*
  - Roof Beams in their pairs (x10 Beams)
  - Front Beams (x8 Beams)
  - Ridge Connector (x5 Labelled 1-5)
  - Angle Brackets (x6 Doubles/x2 Left/x2 Right)
  - Spreader Bars (x16 Bars)
  - Ridge Bars (x4 Bars)
- 2) Plug Together – Start with 1st Bay – (See Plan)
  - a. Start with Roof Beams (1) & Ridge Connector (1) then add Single Angle Brackets.
  - b. Connect Front Beams at both ends to the angle brackets.
  - c. Build Roof Beam (2) & Ridge Connector (2) followed by Double Angle Brackets.
  - d. Drop in the 4 Spreaders Bars in that bay & the Ridge Bar in the middle.
- 3) Now build the 2<sup>nd</sup> Bay
  - a. Slot a Front Beam at both ends to start building Bay 2.
  - b. Pick up Roof Beams (3) & Ridge Connector (3), adding Double Angle Brackets.
  - c. Slot each end onto the Front Beams installed earlier.
  - d. Drop in the 4 Spreader Bars in that bay plus the Ridge Bar in the middle.
- 4) Repeat
  - a. Repeat Step 3) another two times & you will have all 4 bays together.
- 5) Ridge Straps
  - a. There are 3 x Ridge Straps (Bar Strip 2.67mtrs Long) to bolt into one side of Roof Beams (2), (3) & (4).
  - b. Use M8 x 70mm + Standard Nut (x6) to attach the Straps.
- 6) Layout PVC Roof Panels
  - a. Unroll a panel in front of each bay and install it.
  - b. Make sure the panel is Gloss Side Up before you start to slide into beam channels.
  - c. Enter approximately a foot of the Roof Panel evenly in both sides at first.
  - d. Then pull the sheet up and over, using the elastic and D Ring attached to the Roof Panel on either side.
  - e. Make sure the Roof Panel is sat in the middle of the frame, which can be checked by looking down on top of the Ridge from the side at the Rubbing Band in the Roof.
  - f. When the Roof Panels have all been installed, you will be needing the 8 Plastic Joining Strips in order to tension the Roof Panels.
- 7) Tensions Roof Panels
  - a. Make sure the Roof Panels are in the middle and if you need to adjust the frame, try and get as straight across the 14mtr length as possible.
  - b. With the Joining Strips, slide in the plain end and not the end with the cord as this can get caught in the channel as you slide the joiner in (the cord is to aid pulling it out).
  - c. Lift the front valance revealing the front beam & keder bead welded into roof sheet.

- d. Now enter the Joining Strip into the roof sheet keder bead first and then twist the plastic joiner into the front beam front/outside groove and start sliding it all the way in. The Joining Strip is the same length as the front beam and so should not stick out.
- e. Once you have all 8 strips entered into both Roof Panel & Front Beam, then you need a Impact Driver & 17mm Deep Socket to wind the 120mm bolts all the way in. Do Not Over Tighten!
- f. Now your 4 Roof Panels should be drum tight.

8) Lifting to the Legs – Prepare Weights and Straps (if windy)

- a. At this point, you will need all 10 standard 2mtr legs put at every Angle Bracket.
- b. The Nut Eye faces outwards and the leg follows the line of the Roof Beams.
- c. With that in mind, you will need a person on each leg down one side, they will lift with hand and be holding the leg that they will plug in with the other. Do Not Attempt to lift the whole awning at the same time! Just 1 long edge.
- d. With the legs on, attach some straps down to some weights if necessary.
- e. Once one side has its 5 legs inserted, head around to the other side of the awning and prepare once again with a leg ready.
- f. Lift the second side which will be a bit tougher then plug the second set of legs on.
- g. Now attach weights for the second side.

9) Install Outside Middle Legs, Floor Rails & Side Brace Bars

- a. These will be the longest legs and there is one at each end.
- b. Make sure the hand wheel is wound out at the top end of the leg so it can fit onto the Ridge Connector with ease.
- c. Guide the leg up to the middle of the ridge at one end and slot onto the post sticking down, adjust height as necessary by doing up hand wheel at top.
- d. Find the longest Side Brace Bar, there will also be one at each end.
- e. These brace bars triangulate the middle leg and hold it from being pushed in or out.
- f. Fix the top angled foot of the Brace Bar using a M8 x 50mm bolt to the next Ridge Connector along (to the 20x20 Box sticking down with a hole in it).
- g. Now bolt the other end, and adjust as necessary, to the middle leg approximately 2mtr up from the ground. Use the M8 x 90mm Bolts to connect this to the leg.
- h. Pickup 2 of the 4 floor rails for the ends, these are about 3.8mtrs long.
- i. Fit one to one side of the middle leg (out to the front leg on one side) and the other to the other side of the middle leg (out to the other side front leg).
- j. By fitting the floor rails means that when the Side Wall is fitted, you will be able to put the elastics on at the bottom of the wall for tension.

10) Install Walls – on the sides where the wind is coming from.

- a. If the wind is coming from the back, install the walls across that edge.
- b. Layout the 4 back walls where they are going to be installed.
- c. Make sure that the wall is the correct way round and start by sliding the top bead of the wall into the (Outside) cut out in the bottom of the front beam, which can be found at the middle of the beam.
- d. Slide one end in first and when that is all the way in, grab the other end of the wall and start feeding that in the other way from that middle cut out in the beam.
- e. The sheet should fit snug into the bay, unzip both zips at either end of the wall and feed the outside vertical beads on the wall down outside groove on the leg.

- f. Once slid down into place, zip the wall back up and start attaching the elastic ball loops which are preinstalled into the bottom of the wall.
- g. To attach these, simply, put 2 fingers behind the ball at the back of the hem and with your other hand, pull the loop around the bar and over the ball. This creates tension on the wall, make sure you attach all elastic ball loops.

11) Installing Side Walls – at each end.

- a. Layout the Side wall at the correct end, if handed may go at a set end.
- b. Unzip centre zip all the way to the top.
- c. Insert top keder of one end of the wall into the end of the beam, be sure to insert into top groove of the outside of the beam, same groove as the roof panel uses!
- d. Use a rope into the D ring to help pulling the sheet up and over the ridge.
- e. As you reach the ridge, the sheet is much harder to install and will require feeding in the bottom of the beam while lifting and pulling at the ridge, to get the sheet over and down the other side.
- f. By a certain point the sheet will pull down the other side easier again but initially at the ridge it will be extremely tough. Be sure to use a rope in the D ring to pull the sheet back down the other side with.
- g. Once the sheet is in, make sure it is in the centre, adjust by pulling back and fourth to the correct position.
- h. Unzip the outside zips and insert the keder on the side of the wall down the outside groove on the outside legs.
- i. Zip up the outside zips again and the centre zip.
- j. Now go inside and attach all the elastics to the floor rails.