

## **Pre-hung Door Assembly**

This section will help you choose and attach the yurt door frame to a pre-hung door. It is important that the size of the door and frame be as close as possible, yet no taller than to the dimensions suggested in this guide.

The height of the jambs and outer wings are cut to the height of 79" (?) and can be cut again to fit a shorter door. In order to do this, it will be easiest to take the two boards apart and cut them individually. The important thing is that you don't buy a door that is taller 79".

Here are some things to consider and look for when buying a pre-hung door:

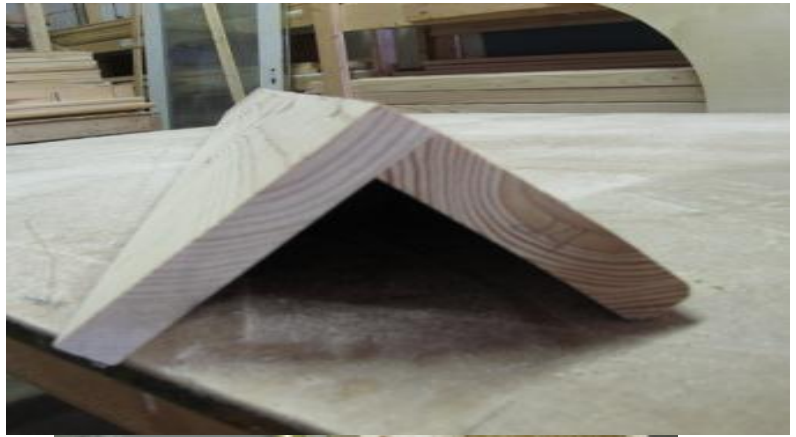
- ✓ It is best if the door is a replacement door and not new construction. If it is new construction it will have a flange on the sides and top that will need to be cut off. If you get the door at a great deal, and the flange is not metal, it may be worth it. Otherwise it's best to keep looking to find one that is made for replacement.
- ✓ New doors will often have a brick mold (trim) around the front of the door. This will need to be removed and is not usually a big deal. However if you get a used door that has the trim caulked and painted and glued on, it will be a bit of a process to remove and clean the jambs.
- ✓ Make sure that the weather seal on the threshold is working properly or easy to replace. Otherwise, rain will leak in the door.
- ✓ Having a door with glass is great for adding views or light, but if you plan to do some traveling with your yurt, a glass door is heavy and obviously breakable.

## **Getting started**

Identifying the door frame parts

**(Have Pic with parts identified and labeled here)**

- **Step 1:** Begin by locating the angled 5/4x4 1/2" boards (the actual measurements are 1"x 4 1/2") and the 1x6 boards (actual measurements are 3/4"x 5 1/2").
  - Using 1 1/2"-2" screws, attach angled edge of each 1"x4 1/2" wing board to each of the 3/4"x5 1/2" boards as shown. You will need to use a least 5 screws per door side.
- ✓ Be sure to line the boards up carefully before pre drilling and screwing.



**Step 2:** Using 1 1/4" screws, attach the 3/4" board/wing combo to the jambs on the pre-hung frame. Be sure edge of the jamb and the 3/4" boards are flush on the inside of the frame, are flush at the top and bottom, and the T's (for tops) on the ends of the wings are facing the top of the door.



- Step 3: Take the curved top plate and center it left to right on top of the door frame. The curve should face the outside and overhang the edges of the frame and the wings by a  $\frac{1}{4}$ ".



- Step 4: To attach the door top plate use 2" screws directly over the door and 2  $\frac{1}{2}$ "-3" screws where the jambs and wings meet the top.



- Step 5: Moving on to the bottom plate, we first apply silicone to the flat part of the top side of the bottom plate.
- ✓ Only put silicone out to the width and length of the pre-hung door frame with the 1x attached.



- Step 6: Center the plate left to right on the frame and then set the plate front to back leaving the front edge of the yurt frame jamb ( the 3/4x5.5” board attached to the wing) flush with the front edge of the flat part where the beveled (angled) edge begins.



- Step 7: Attach where the jambs and wings are over the flat part of the plate with 2  $\frac{1}{2}$ "-3" screws.



\*Do not screw into the wing board past the flat part of the plate where the angled groove is cut. This is where your canvas will eventually come out from under the wing and be attached to the deck.

- Step 8: Slide on the inner wings ensuring that the ends that have “T” (top) on them are facing up and the angled cut on the long sides are facing in towards the door.



\*These instructions are based around using a standard exterior door which is 35 3/4x79 inches in dimension\*