

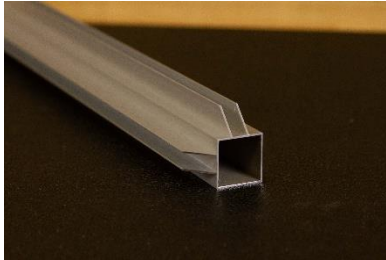
# Zen Habitats 2'x2'x4' Assembly Instructions

## Parts list:

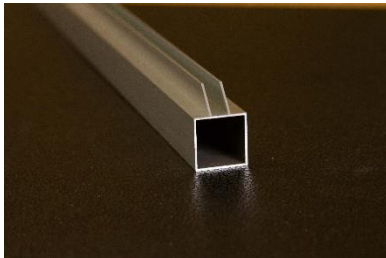
**Part A-1** (7) – 22" Aluminum Frame (2 channels at 90-degree angle)

**Part A-2** (2) – 46" Aluminum Frame (2 channels at 90-degree angle)

**Part A-3** (2) – 10" Aluminum Frame (2 channels at 90-degree angle)



**Part B** (1) – 35" Aluminum Side Door Frame (1 channel)



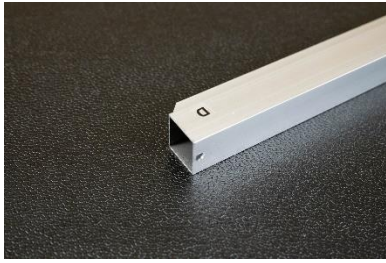
**Part C** (1) – 35" Aluminum Side Door Frame with two Lock Hole (1 channel, other edge with a lip and lock holes)



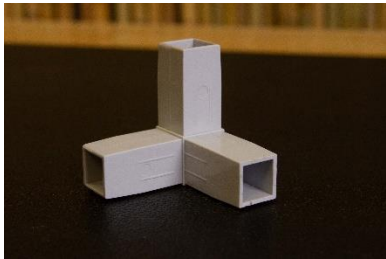
**Part D** (1) – 22" Aluminum Top Door Frame (1 channel on one side and Zen Habitats logo printed)



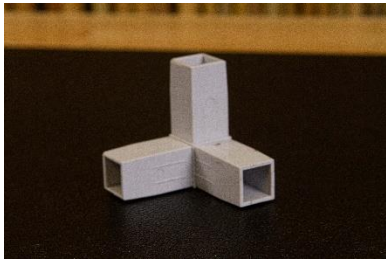
**Part E** (1) – 22" Aluminum Middle Door Frame (1 channel on one side)



**Part F-A** (6) – Pressure corners (with 3 prongs)



**Part F-B** (2) – Pressure corners (with 3 prongs, one prong with hole)



**Part G** (2) – T Shaped Pressure connectors



**Part H-A** (1) – Wire Grommet

**Part H-B** (1) – Solid Plug



**Part I** (1) – 2'x2' Galvanized Steel Screen Top with Support Bars

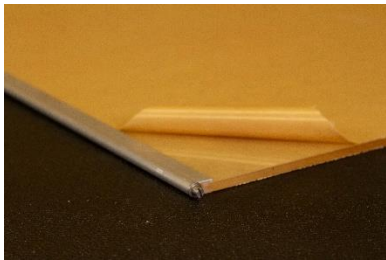


**Part J-1** (1) – 46"x22" Bamboo Printed PVC Back Panel (with hole)

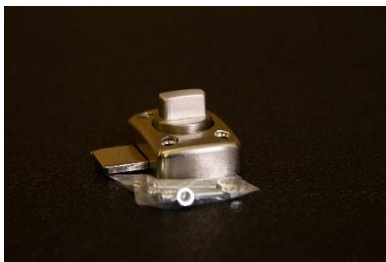
**Part J-2** (2) – 46"x22" Bamboo Printed PVC Panel

**Part K** (1) – 22"x22" Bamboo Printed PVC Bottom Panel

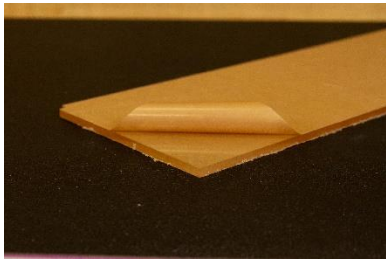
**Part L** (1) – Acrylic Door (35"x22")



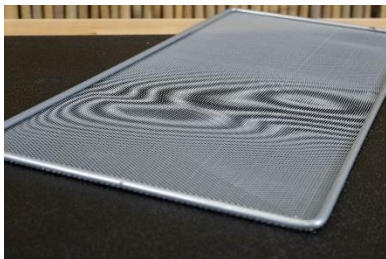
**Part M** (2) – Doorknob and Screws



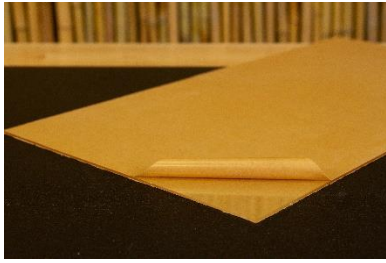
**Part N** (1) – Substrate Shield (22"x10")



**Part O** (1) – Bottom Screen



**Part P (1) – Humidity Shield (22”x11”)**

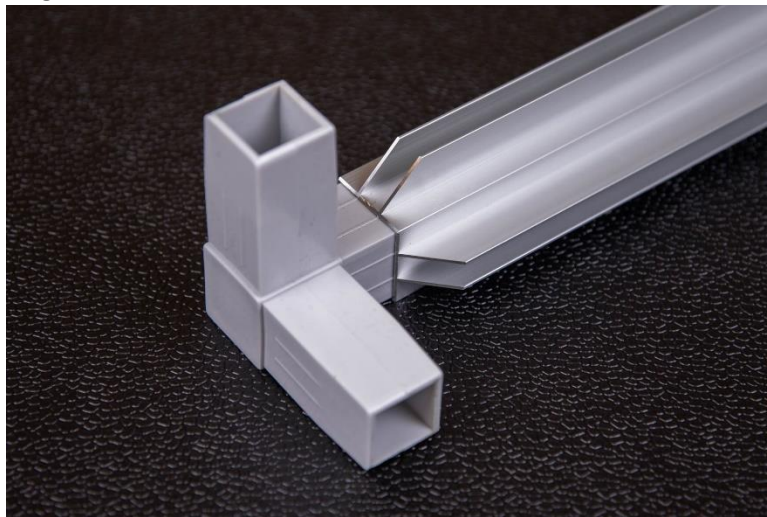


**Assembly**

Video instructions also available at <https://www.zenhabitats.com/pages/2x2x4-enclosure-assembly>

**Step 1 – Assemble Bottom**

- Attach the pressure corners (Part F-A) to each end of a 22” aluminum frame piece (Part A-1). Make sure that the fingers from the corners align with the channels of the frame.



- Attach a 22” aluminum frame (Part A-1) to each end of the corners (Part F-A), making a ‘U’ shape. Make sure all the channels and fingers are aligned.
- Slide the bottom panel (Part K) into the channels of the assembled frame.
- Attach pressure corners (Part F-A) to another 22” frame (Part A-1). The fingers from the corners align with the channels of the frame.
- Connect to the rest of the bottom frame. You should now have a square shaped floor with all four fingers facing up.

**Step 2 – Assemble Front Door Frame**

- Attach each 10” aluminum frame (Part A-3) to one side of the bottom base. Two channels should face each other, and the other channels should align to the channels on the side of the base.
- Decide if you will be using the acrylic substrate shield (Part N) or bottom screen (Part O) and insert in the channel between the 10” aluminum frames (Part A-3).
- Attach the T-shaped connectors (Part G) to the middle door frame (Part E). Make sure that the holes are aligned between the frame and the connector.
- Attach the middle door frame to the top of the 10” aluminum frame pieces (Part A-3). Make sure that the channel from the middle door frame covers the top of either the substrate shield or bottom screen, and that the

channel on the T-shaped connectors are facing the back of the enclosure (aligned with the channels from 10" aluminum frame).



### Step 3 – Assemble Back and Sides

- Decide which side you would like to be the hinge of your enclosure, left or right. Attach the side door frame (Part B) to pressure corner on that side of the middle door frame. The single channel should face the back of the enclosure.
- Attach the side door frame with the door lock (Part C) hole to the other front pressure corner.
- Attach aluminum frame (Part A-2) to the back two pressure corners, with the channels aligned with the bottom frame channels.
- Insert the two side panels (Part J-2) on the left and right-side channels. Insert the back panel (Part J-1), with the grommet hole, in the back channel (the hole should be on top).



#### Step 4 – Assemble Top

- Attach the pressure corners (Part F-A) to each end of a 22” aluminum frame piece (Part A-3). Make sure that the fingers from the corners align with the channels of the frame.
- Attach a 22” aluminum frame (Part A-3) to each end of the corners (Part F-A), making a ‘U’ shape. Make sure all the channels and fingers are aligned.
- Slide the screen (Part I) into the channels of the assembled frame. Make sure that the support bars are facing the same direction as the channels and fingers from the pressure corners. When fully assembled, the support bars will be on the inside of the enclosure.
- Attach the pressure corners with holes (Part F-B) to each end of the 22” top door frame (Part D). Make sure that holes from the corners and the frame match up on each end. The fingers from the corners align with the channels of the frame.
- Connect the top door frame to the rest of the bottom frame. You should now have a square shaped floor with all four fingers facing up.



- Flip the top screen frame over and insert the four pressure connectors into the frame of the enclosure.
  - NOTE: Be sure not to press the front connectors all the way down until after the door is installed.

#### Step 5 – Door Assembly

- Peel off brown paper lining of acrylic doors (Part L).
- Attach the doorknobs to the acrylic door panels using screws provided (Part M).
- Align metal prong of the door frame to the hole in the bottom door frame on the hinge side.
- Align metal prong of the door frame to the hole in the top door frame on the hinge side. Press the front connectors of the screen top all the way down, locking the door in place.



#### **Step 6 – Wire Grommet**

- Insert plastic wire grommet (Part H-1) or solid plug (Part H-2) into the hole in the top of the back panel. The smooth side of the grommet should face the inside of the habitat.

#### **Step 7 – Humidity Shield (optional)**

- Peel off brown paper lining of acrylic humidity shield (Part P).
- Place on top of the screen. Be sure NOT to place heating elements on top of the humidity shield.

#### **Step 8 – Light, Decorate, and Enjoy!**

