

6m Hybrid  
Panorama  
Window  
Installation  
Instructions



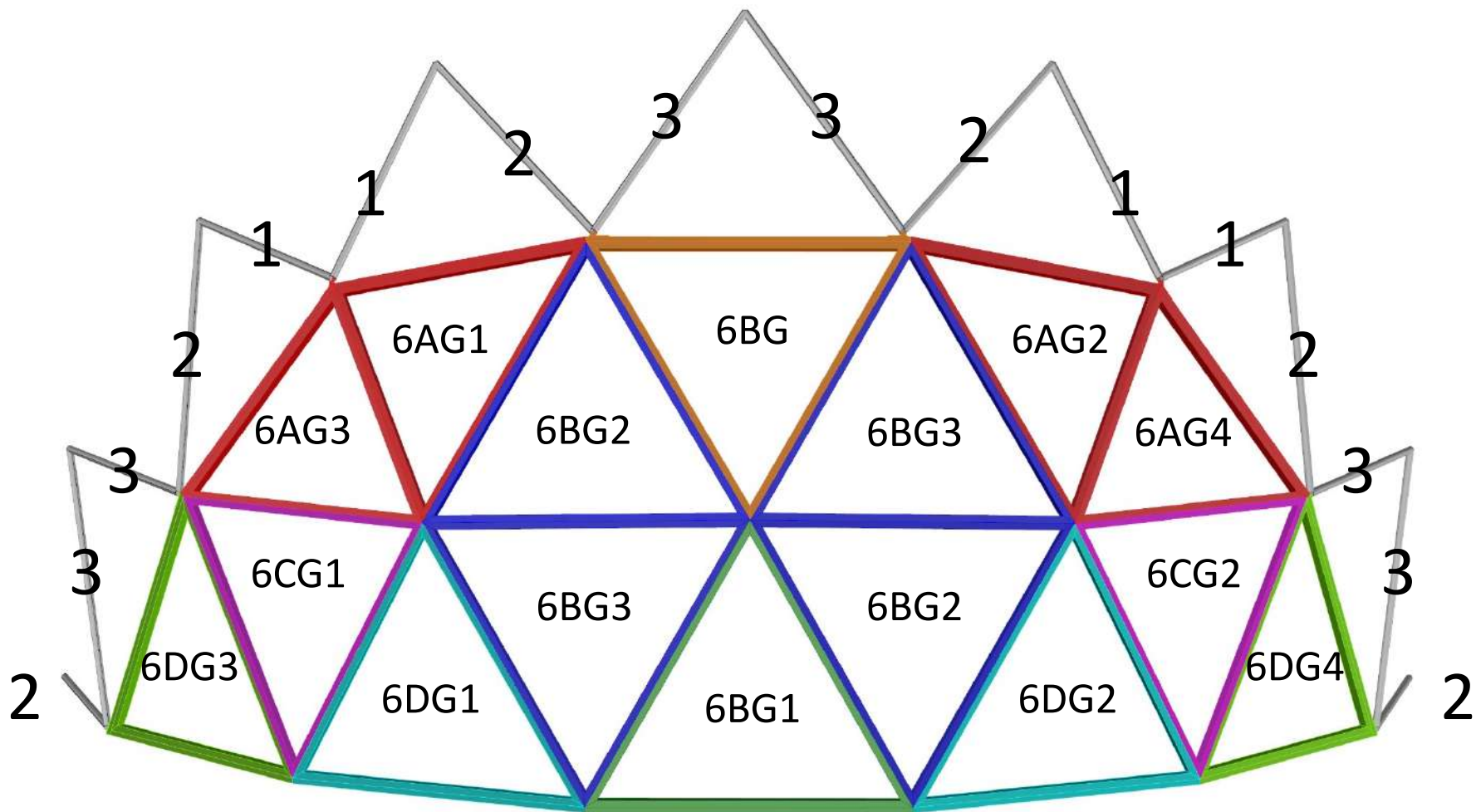
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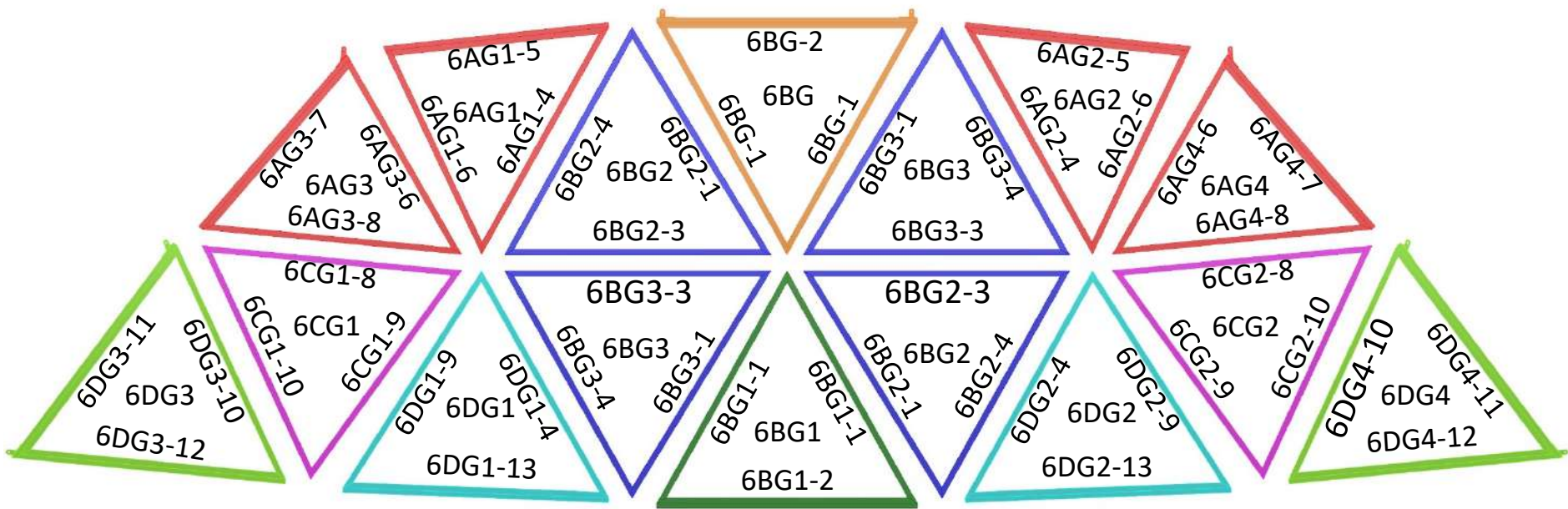
## Tool List

1. Rolling scaffolding or scissor jack
2. Several exacto blades or utility knives
3. Rubber hammers
4. About 1 meter long wood pieces - 10 pcs (used for short-term support after the bottom layer of glass is installed)
5. M17 Socket wrench ( 2 included)
6. M19 External hexagon wrench ( 1 included)
7. A weather-resistant glue gun (1 included)
8. Glass suction cup handles
9. Glass scrapers
10. Impact Driver
11. Safety helmet, safety rope, gloves

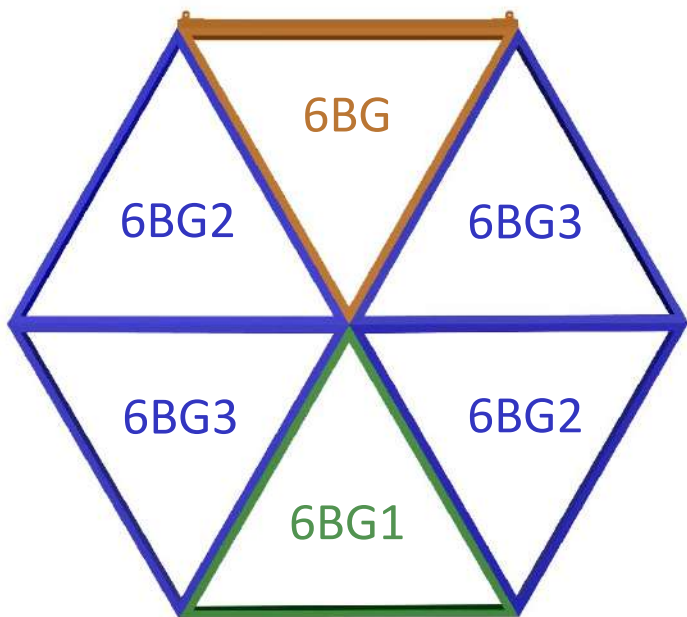
# Installation steps

1. Assemble the individual frame shapes of the glass window on the ground
2. Install the round tubing of the frame first, then the glass frame
3. Tighten the frame bolts
4. Pull the cover over and tension it as per our regular dome setup instructions.
5. Seal the pvc cover around the skylight and panorama window with the aluminum trim
6. Installing the glass
7. Caulking the joints

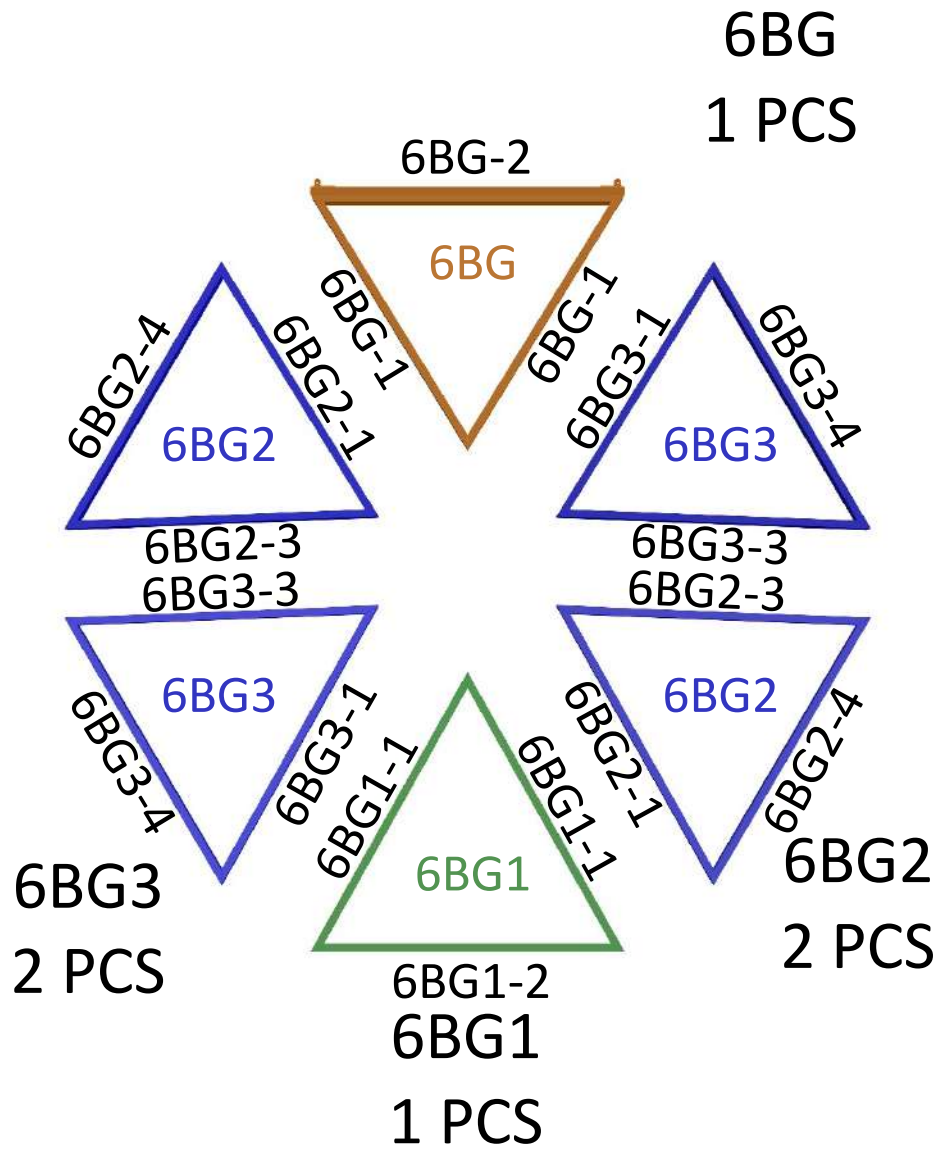




Clear bay window



Hexagon  
1 PCS



6BG  
1 PCS

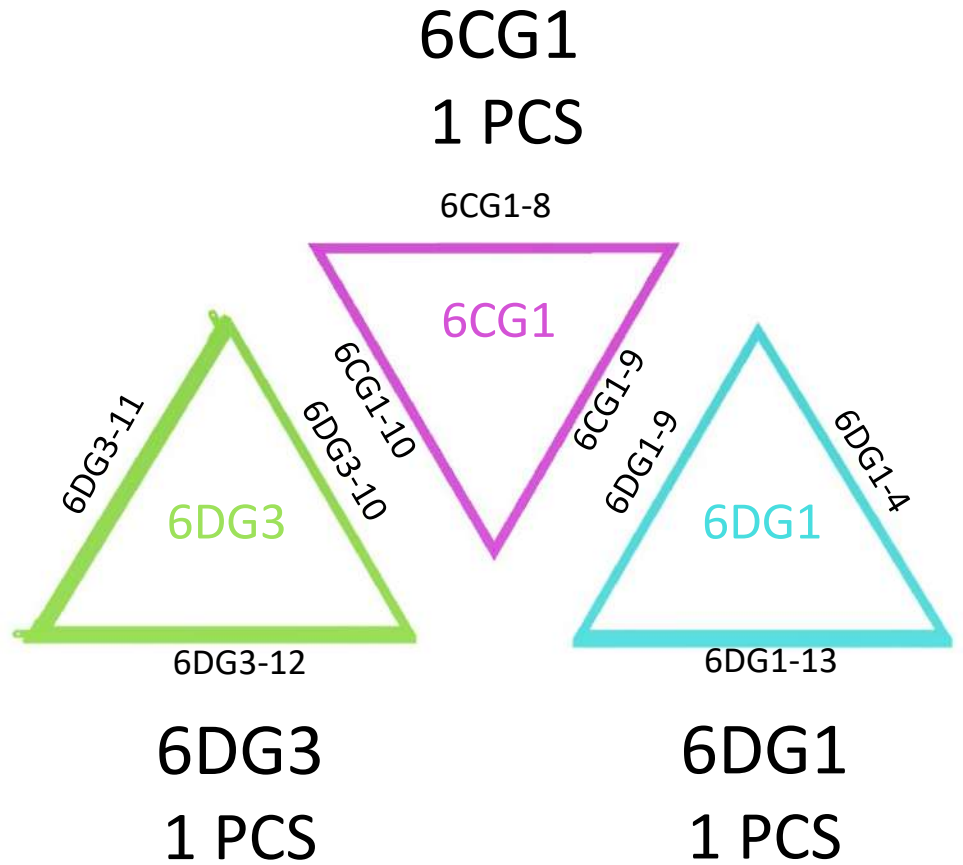
6BG3  
2 PCS

6BG1-2  
6BG1  
1 PCS

6BG2  
2 PCS

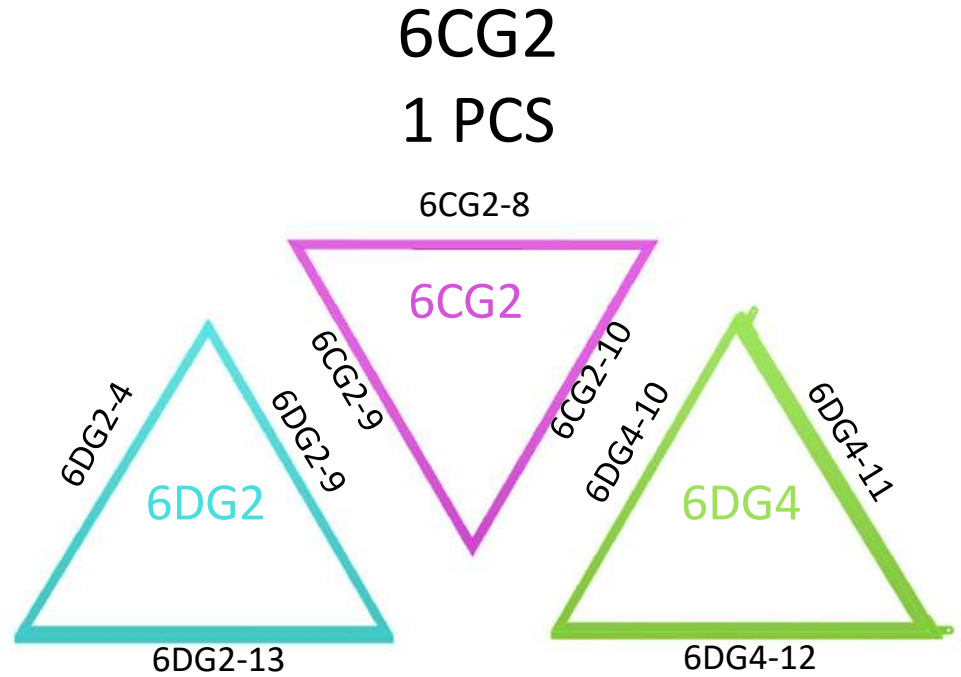


Trapezoid  
1 PCS





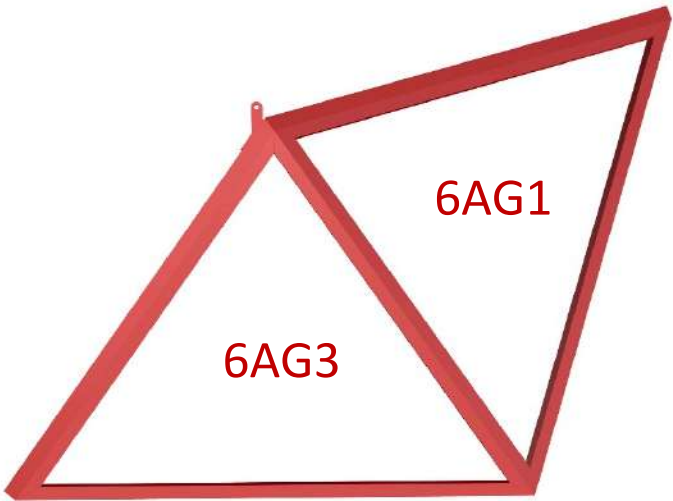
Trapezoid  
1 PCS



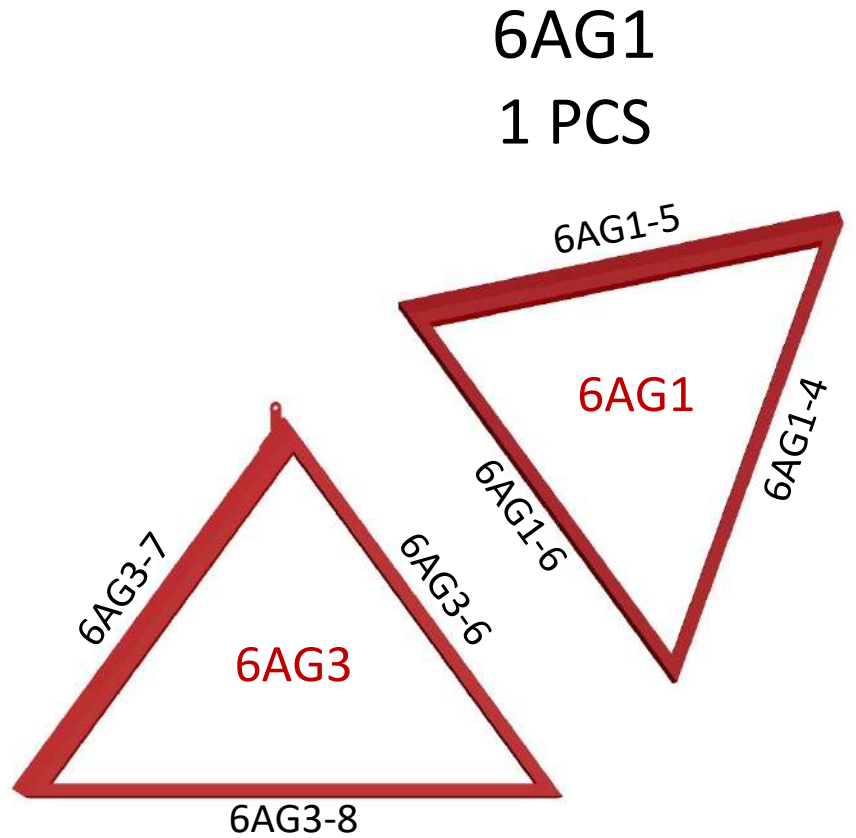
6DG2  
1 PCS

6DG4  
1 PCS



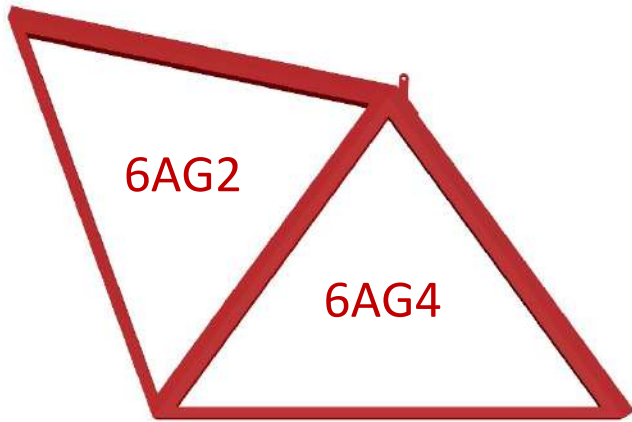


Trapezoid  
1 PCS



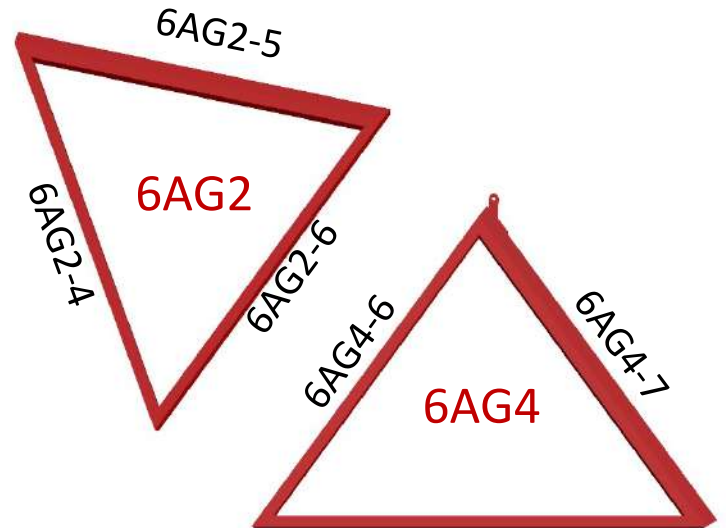
6AG3  
1 PCS

6AG1  
1 PCS

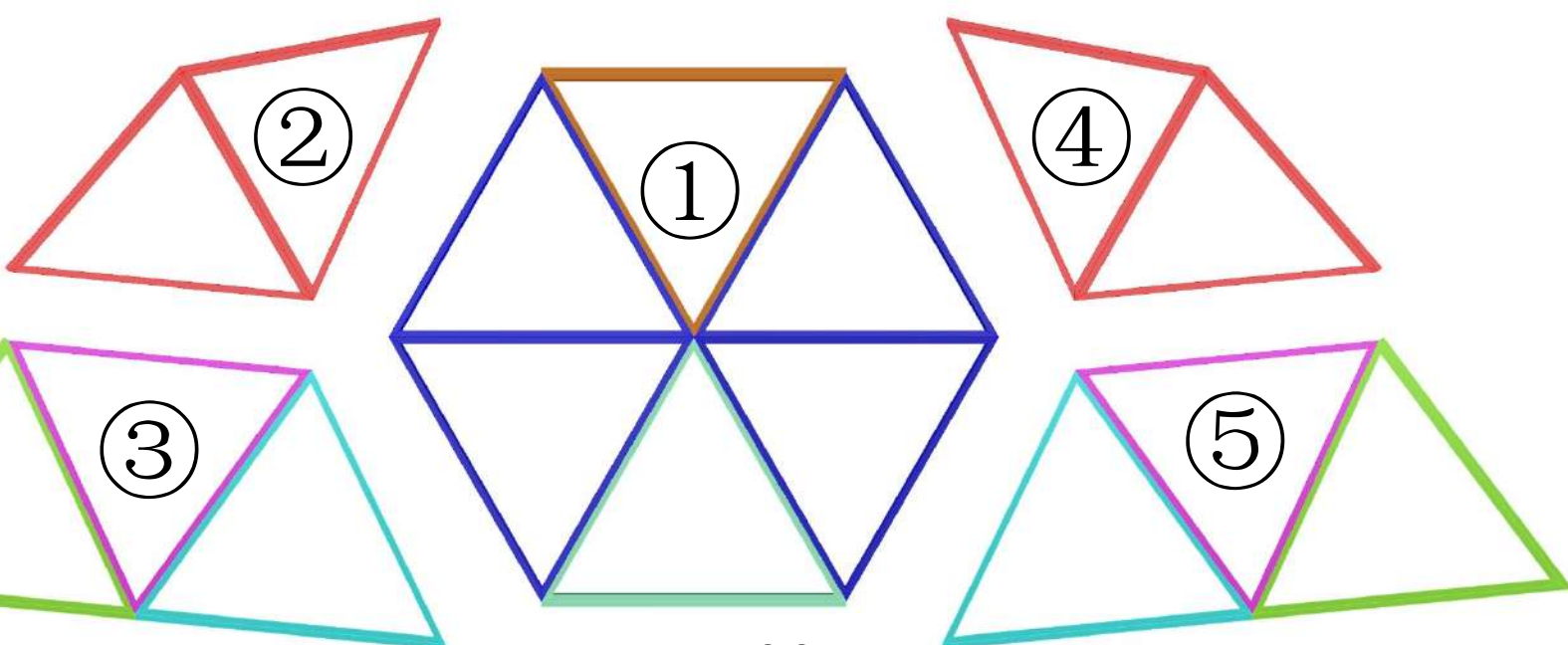
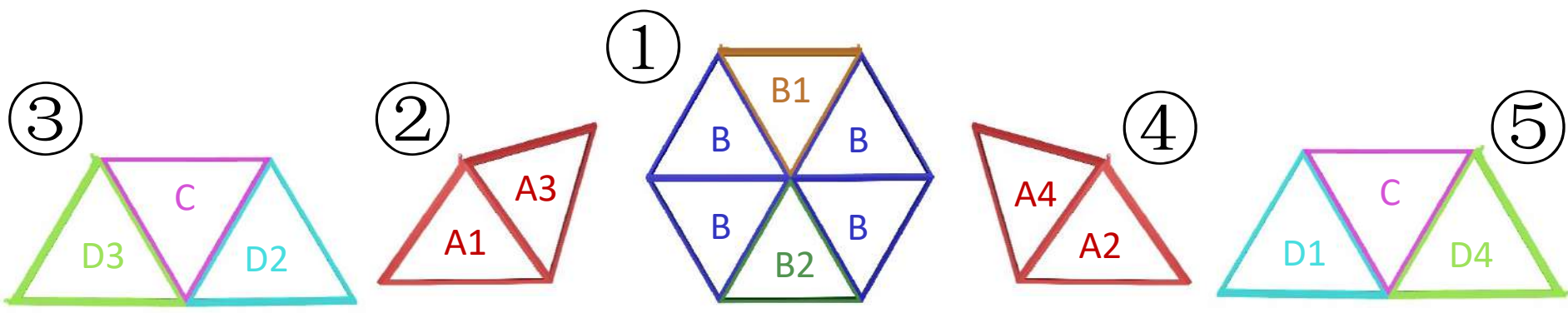


Trapezoid  
1 PCS

6AG2  
Totally 1 PCS



6AG4  
1 PCS



Sequence of frame installation

# Remove Round Tubing

- You will need to remove the round tubing from the window area. You should be able to leave the perimeter struts of the panorama window attached for simplicity and double it up with the aluminum frame.
- Use 2x4's or other kinds of bracing on the hubs above the window temporarily to keep the dome from sagging until the new frame is in place to support it. It might require some pushing and wiggling to get the new window frame in place.

# 1. Frame assembly

First assemble the individual triangular frames on the ground in order of number into specific shapes such as pentagons, hexagons, trapezoids, etc.



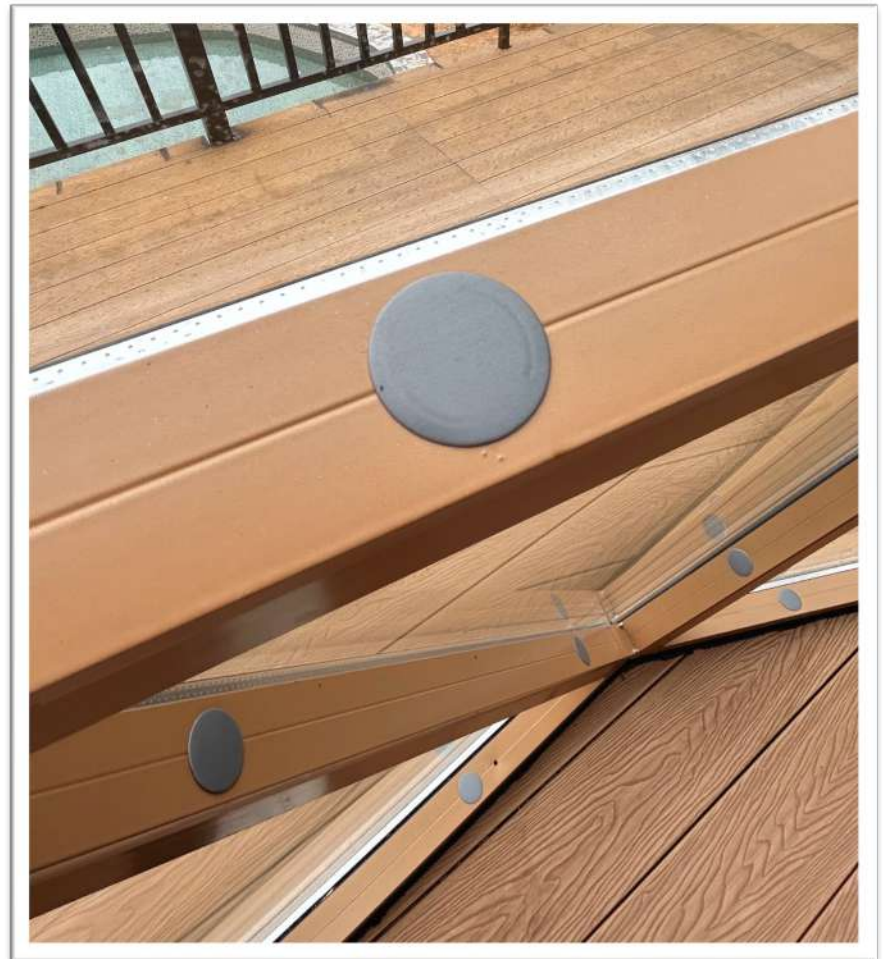






## Frame installation - step 2

Cover the screw holes with a snap plug.



## 2. Glass installation – step 1

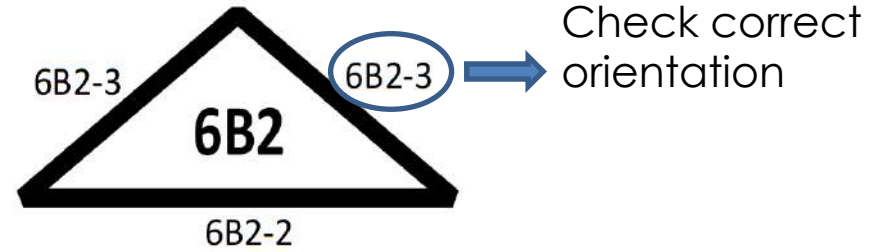
Paste double-sided tape on the surface of the frame (note that the double-sided tape should be pressed on firmly, and bevels cut at the corners)





## Glass installation - step 2

Tear off the double-sided tape of the triangle glass that needs to be installed, and orient the glass according to the numbers. Carefully center the top or bottom edge and tilt it into place, making sure it lines up everywhere.



Apply all the panes of glass until finished







Please note: on a 3V dome, some of the bottom layer panels are actually angled outwards slightly. These will need support until the final caulking has set. You can use pieces of lumber to brace them, and/or screw little pieces of plywood or plastic between the frames to hold it in place.





### Glass installation - step 3

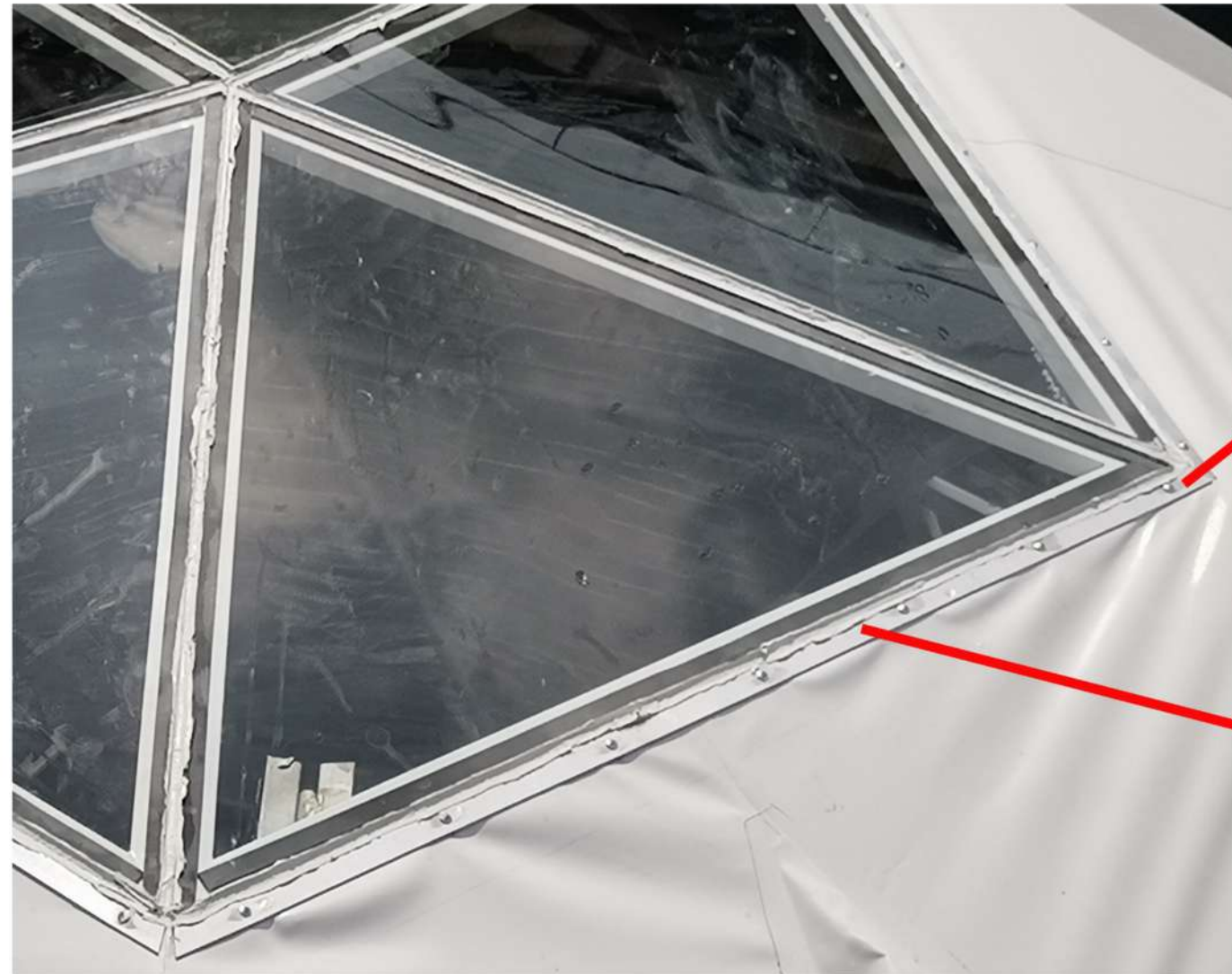
After the glass is set in place, apply caulking layer by layer. For double pane windows, the gaps are rather large, try to fill them all at once with lots of caulking.

Note: Do one section within reach at a time, then add more glass panes and do the next section, so that you can easily reach all joints to be caulked. For the skylight, you may need to look at a very long ladder and safety equipment, or a bucket truck to safely get to the top.



Attach the cover edges to the aluminum frame with the aluminum trim strips and self-tapping screws.

Then caulk the screws and between the aluminum strips and the cover.



Self-Tapping screw

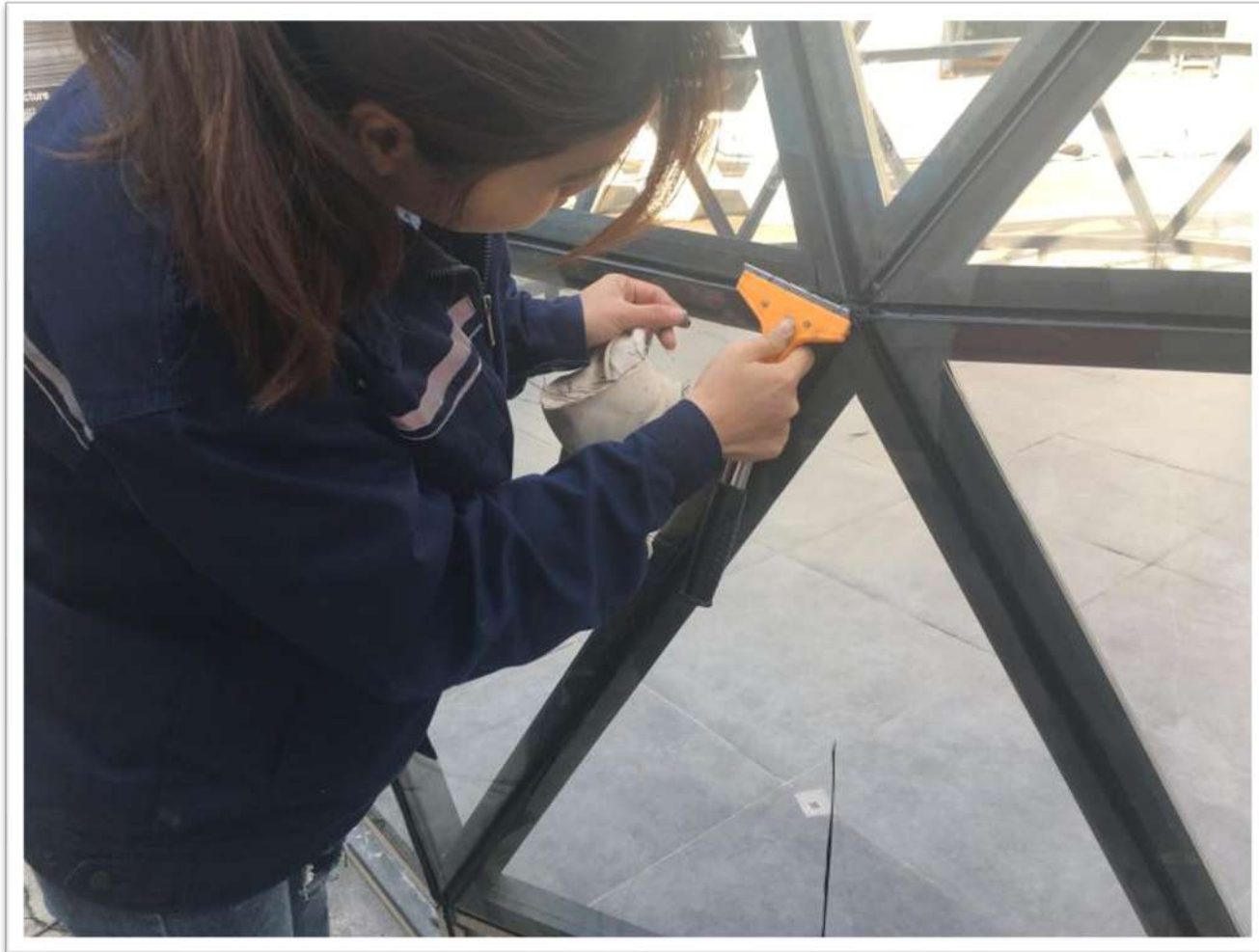


Aluminum Trim



## Glass installation - step 4

Use a blade to scrape off any excess caulking on the surface.







Enjoy your new Crystal Clear Views!

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