

NOVA DOME

installation manual



eps insulation liner kit

⚠ Please carefully read entire manual before installing your EPS insulation liner kit ⚠

sealing your novadome.

⚠ Your NovaDome must be sealed from the inside with the provided LePage QUAD MAX Sealant or something similar before installing your EPS insulation liner kit ⚠

1

Starting from the top and working your way down, seal all joints on the inside of the dome with the provided sealant. When sealing, move at a consistent speed so beads are uniform and even.

2

Your NovaDome may come with your door and windows preinstalled in their respective panels. If this is the case, remove the screws holding your door and windows into place and set them aside. If your door and windows arrived separated from your panels, skip this step.

3

Separate your included door and windows from your NovaDome. Using the provided sealant, carefully seal around the inside of your windows and door. Next, install the windows and door into their respective panels with the provided screws.



LePage QUAD MAX Sealant



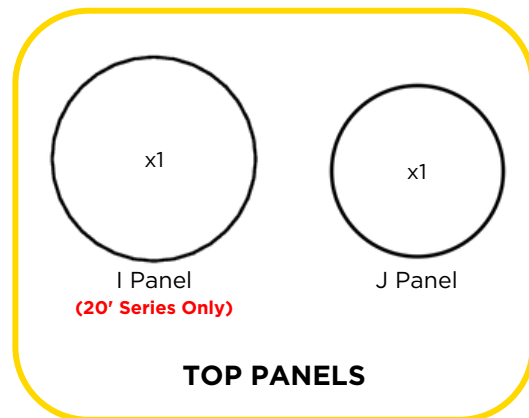
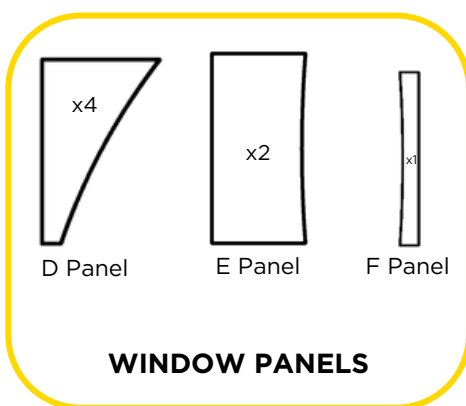
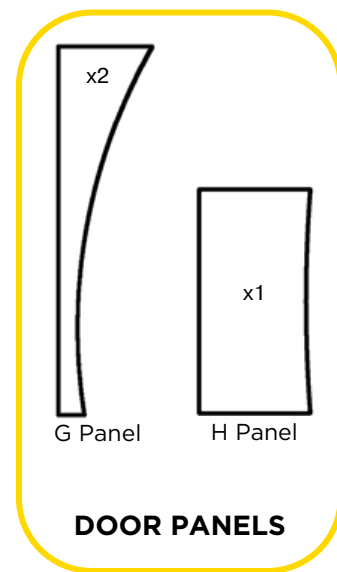
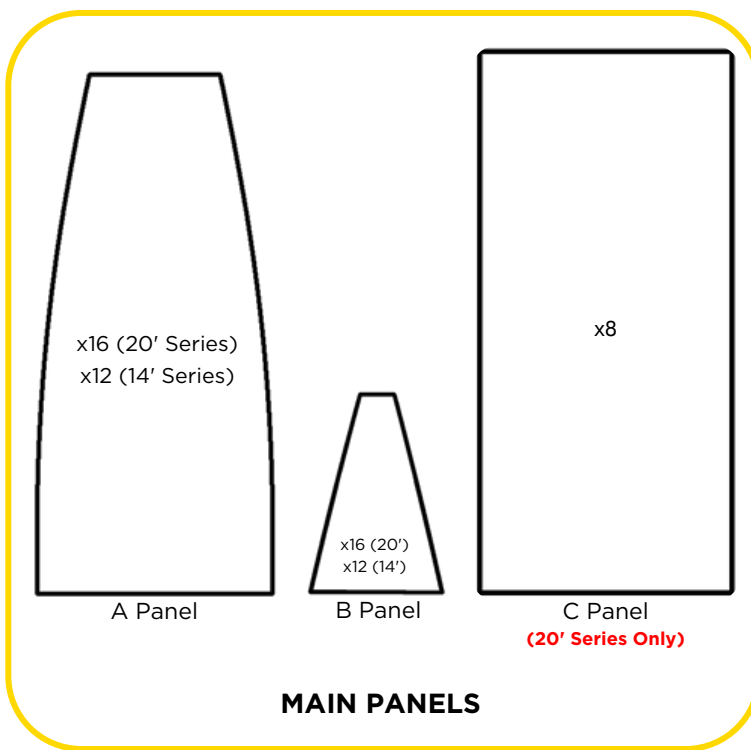
Example



Finished Product

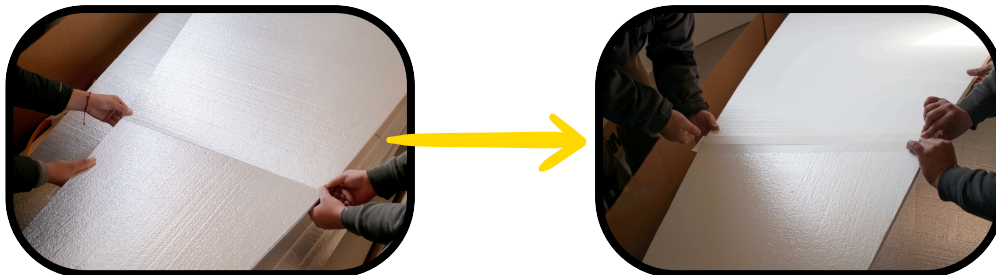
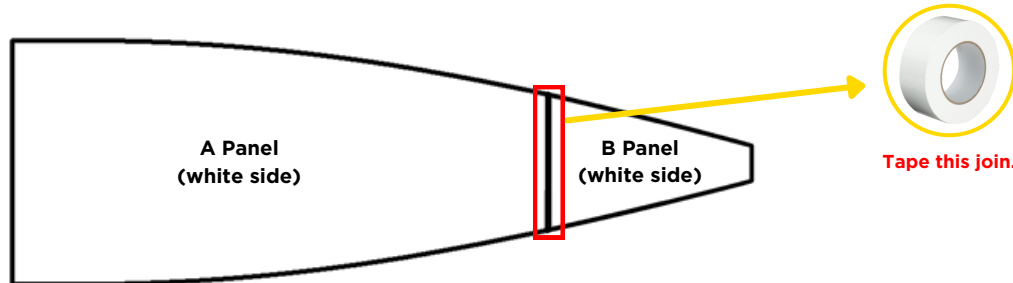
insulation kit panels.

⚠ **Your NovaDome interior must be COMPLETELY DRY before proceeding with the below installation process. Ensure there is no condensation built up on the inside of your NovaDome. Any moisture present on the interior walls/panels will prevent your EPS insulation panels from adhering correctly** ⚠



prepping the a & b panels.

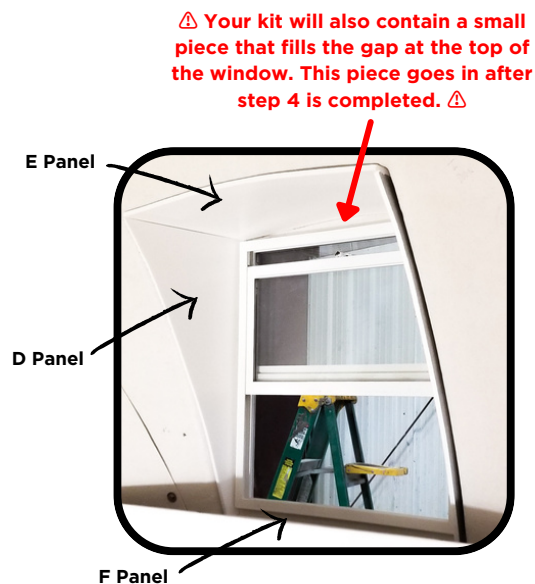
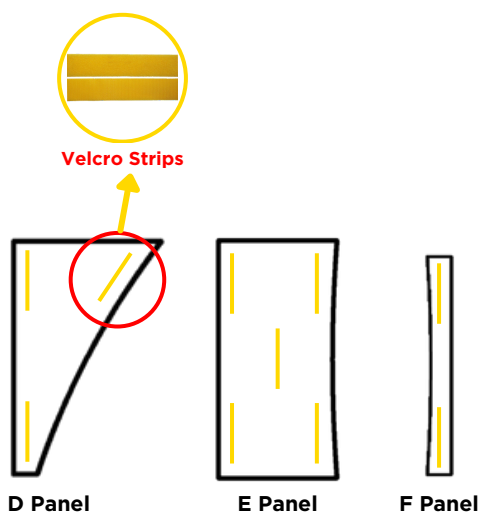
- 1 Locate your A panels and place them in a pile. If you are installing our 20' Series Dome, you will have 16 A panels. If you are installing our 14' Series Dome, you will have 12 A panels.
- 2 Locate all your B panels and pile them next to your A panels. You will have the same amount of B panels as A panels.
- 3 With white sides facing up, match the base of the B panel to the top of the A panel. Take your provided white joint tape, center the tape on the seam and carefully tape the join between the A and B panel. **Make sure that the tape is straight and smooth, with both the A and B panels aligned and flush against each other. This alignment will be critical when you go to install them.** Repeat this process for the rest of the A and B panels. When finished, set them aside in a pile for later.



⚠ The next section of the manual requires the installation of the included 6" velcro strips. Note that each "velcro strip" that you install is actually TWO 6" strips velcroed together to create double-sided adhesive strips (one side to stick to the panel and the other to stick to the dome). If the velcro strips do not come velcroed together, you will have to do this yourself before mounting the insulation liner kit panels ⚠

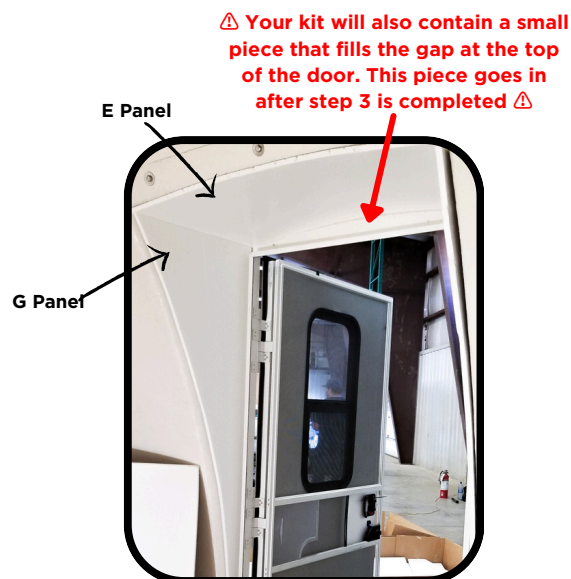
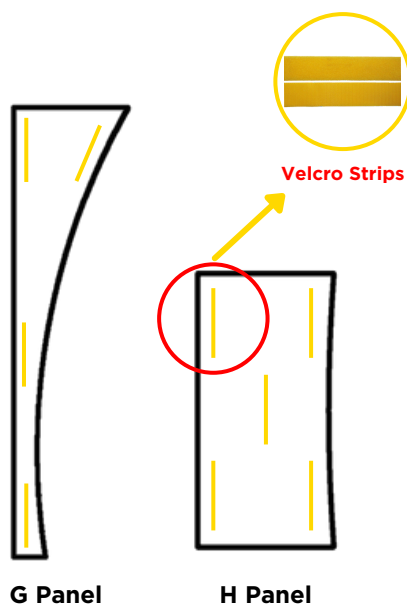
installing window panels.

- 1 Locate your D panels (window sides), E panels (window top), and F panels (window bottom). These are the panels that get installed around your windows.
- 2 You will install your E (top) panel first. On the back (silver) side of your E panel, install the provided velcro in 6" strips. Place the velcro strips in all 4 corners of the E panel, with one final strip in the middle. **Refer to the below diagram for clarification on velcro placement.** After the velcro strips are mounted on the panel, go ahead and carefully line the panel up with the top of the window and firmly stick the panel to the dome.
- 3 You will install the D (side) panels next, using the same process for the E panel in step 2. Install 6" velcro strips in the locations outlined in the below diagram. Line the panels up with the side of the window and firmly stick the panel to the dome.
- 4 Finally, you will install the F (bottom) panel. Install your velcro strips in the approximate locations shown below, and firmly mount the panel to the bottom of the window. Make sure to carefully align the corners and edges. **In some cases, panels may have to be slightly trimmed with a sharp or hot knife to achieve proper fitment.**
⚠ See note below in red before proceeding. ⚠
- 5 Once all your window panels are installed, use the included joint tape to carefully tape and seal all insulation panel joins around the window. Center the tape on the seams and apply slowly to ensure the joint tape doesn't wrinkle. Applying the tape in 6" strips may help ensure a wrinkle-free finish.



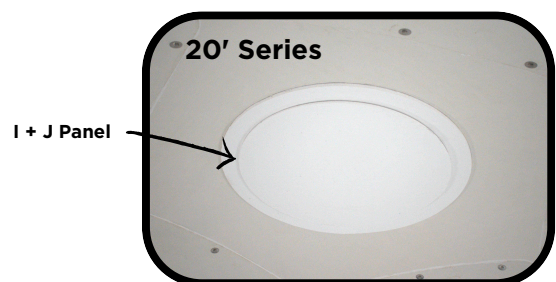
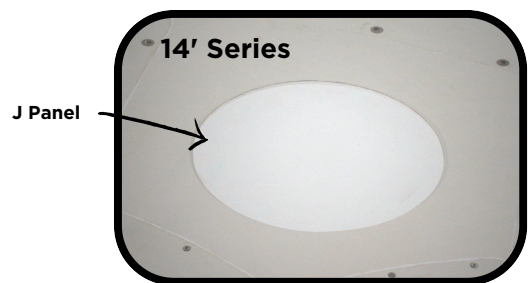
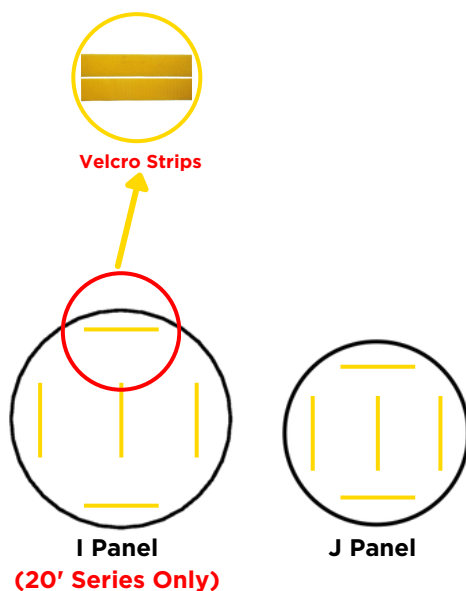
installing door panels.

- 1 Locate your G panels (door sides), and H panel (door top). These are the panels that get installed around your door.
- 2 You will install your H (top) panel first. On the back (silver) side of your H panel, install the provided velcro in 6" strips. Place the velcro strips in all 4 corners of the H panel, with one final strip in the middle. **Refer to the below diagram for clarification on velcro placement.** After the velcro strips are mounted on the panel, go ahead and carefully line the panel up with the top of the door and firmly stick the panel to the dome.
- 3 You will install the G (side) panels next, using the same process for the H panel in step 2. Install 6" velcro strips in similar locations outlined in the below diagram. Line the panels up with the side of the door and firmly stick the panel to the dome. **In some cases, panels may have to be slightly trimmed with a sharp or hot knife to achieve proper fitment.**
⚠ See note below in red before proceeding. ⚠
- 4 Once all your door panels are installed, use the included joint tape to carefully tape and seal all insulation panel joins around the door. Center the tape on the seams and apply slowly to ensure the joint tape doesn't wrinkle. Applying the tape in 6" strips may help ensure a wrinkle-free finish.



installing top center panels.

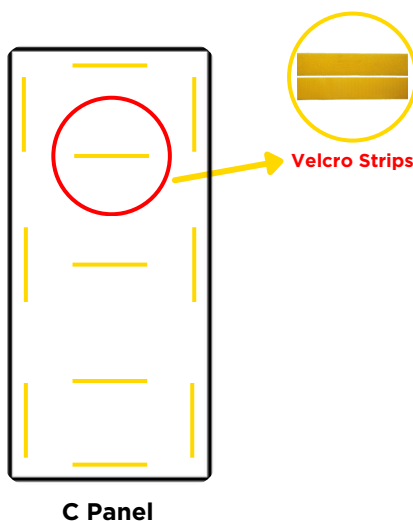
- 1 Locate your I panel (center large), and J panel (center small). These are the panels that get installed at the center interior peak of the dome. **If you're installing your EPS insulation liner kit in a 14' Series NovaDome, the I panel is not needed.**
- 2 You will now need to locate the center of your I panel, J panel, and the top cap fiberglass panel of your NovaDome. Use a measuring tape and a pencil, make a small mark at the center of your I and J panels. You can then use a stepladder to measure out and mark the center of the top fiberglass panel of your NovaDome.
- 3 **NOTE: This step is for the 20' Series NovaDome only. Skip this step if you're installing the kit in a 14' Series NovaDome.**
Next, you will center and stick your J panel to your I panel. Install strips of velcro on the back (silver) side of your J panel, similar to the diagram below. Center the J panel on the I panel and press firmly to adhere the velcro strips to the I panel. To make centering easier, a small finishing nail can be used to poke through the center of the panels when aligning.
- 4 After you have finished adhering your J panel to your I panel, you are now ready to mount your center panels to the top of your NovaDome. Start by applying velcro strips to the back of your I panel (**if you're installing this kit in our 14' Series NovaDome, you will follow the same process for your J panel**). Next, use a stepladder and mount your top center panel in the middle of the fiberglass cap panel of your NovaDome.



installing C panels.

⚠ **These steps are for the 20' series model only. If you're installing our 14' series dome, you can skip this page as the C panels are not needed for installation** ⚠

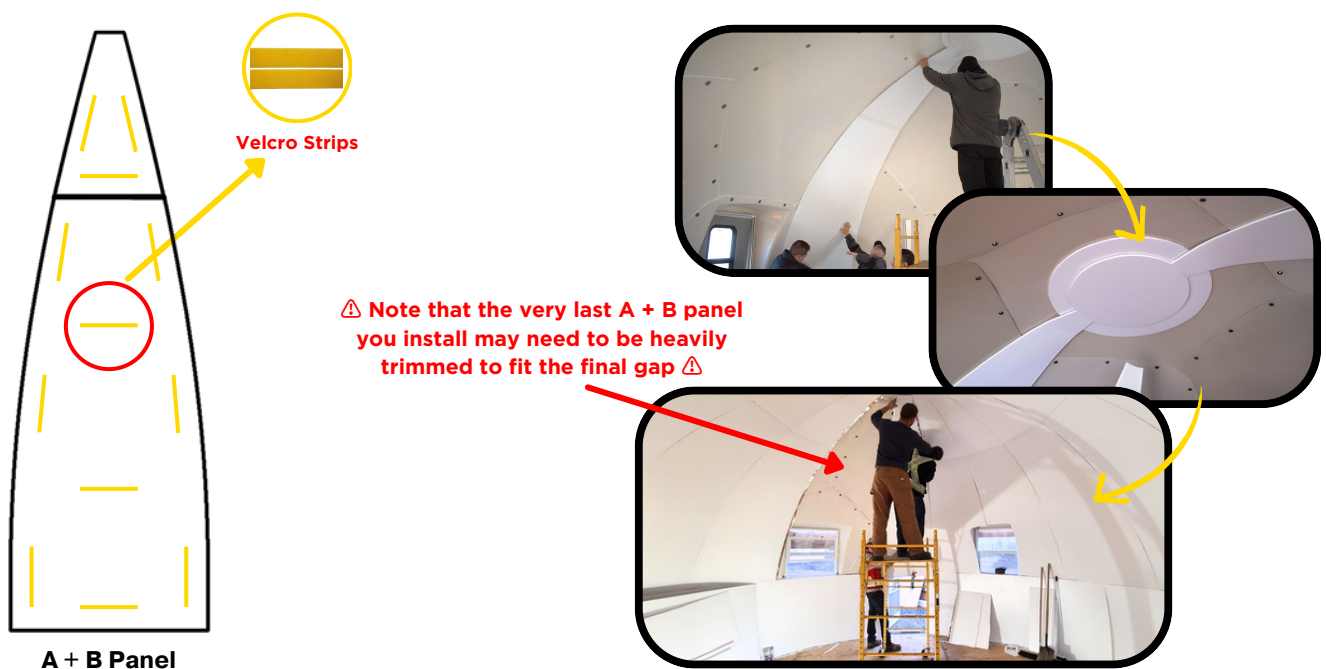
- 1 Locate your seven C panels that came with your kit. These panels will be placed horizontally around the bottom portion of your 20' Series interior. To prep the panels for install, place velcro strips along the edges and in the middle on the back (silver) side of each C panel. **Refer to the below diagram for clarification on velcro placement.**
- 2 Starting at the door (doesn't matter what side), begin installing the C panels horizontally around the bottom portion of your interior. The bottom edge of your C panels will snug up against the floor as you press them up against the wall. The panels will flex and curve to the shape of the dome as you press and adhere them to the wall. ⚠ **While installing the C panels, it is crucial to press the middle of each panel against the wall first BEFORE pressing/adhering the edges. Do not adhere the edges first** ⚠
- 3 Continue installing your C panels until you have gone around the entire dome and reached the other side of the door. **Due to the curvature of the dome, the top corner of each C panel will slightly overlap the previous panel and need to be trimmed with a sharp or hot knife for the edges to properly align (see photo below for example).**
- 4 Once all your C panels are installed, use the included joint tape to carefully tape and seal all vertical panel joints. Center the tape on the seams and apply slowly to ensure the joint tape doesn't wrinkle. Applying the tape in 6" strips may help ensure a wrinkle-free finish.



installing a & b panels.

- 1 Locate the attached A and B panels that you prepared earlier. Prepare your first A + B panel by applying velcro strips to the back of the panel. **Refer to the below diagram for clarification on velcro placement.** Choose a spot around the dome to place the first A + B panel. The location of where the first panel is installed does not matter.
- 2 With one person on a ladder and another person on the ground, line up your first A + B panel with the edge of the circular J panel. Making sure the panel is straight, firmly press and adhere the panel to the dome, **starting at the top and working your way to the bottom.** The bottom of the A + B panel will line up with the top edge of the C panels (or the floor if you're installing the kit in a 14' Series NovaDome). If the panel overlaps anywhere, you can carefully trim it so it aligns properly.
- 3 Next, install your second A + B panel completely opposite of your first A + B panel using the same process outlined in step 2. Now you can repeat this process and work **clockwise** around the dome, installing the rest of your A + B panels. Panels may need to be slightly trimmed as you work your way around to ensure flush fitment with the other panels.

⚠ When an A + B panel overlaps a door or window opening, measure and trim the panel to fit flush with the previously installed window and door panels ⚠



taping your a & b panels.

1

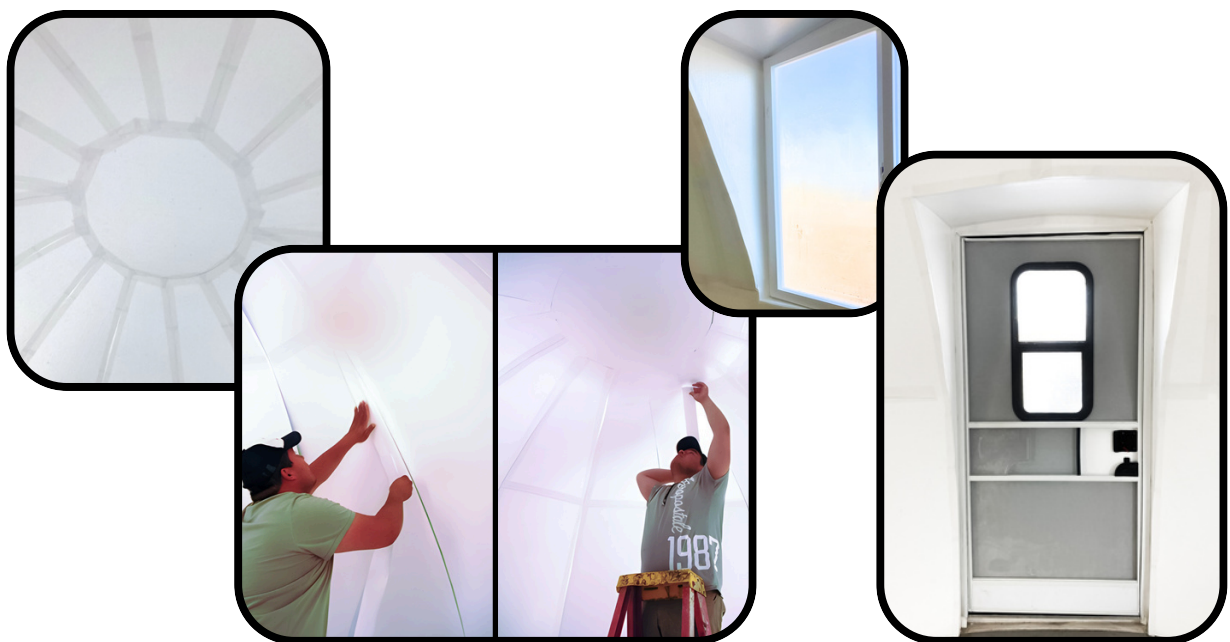
Starting at the top peak of the dome, you will now begin taping the rest of the insulation panel joins. Begin taping around the top circular J panel where your A + B panels meet by centering your joint tape on the seam and carefully sealing around the J panel. **Applying the tape in 6" strips and slightly overlapping each strip will help achieve a smooth, wrinkle-free finish as you work your way around the circle.** Go slow and make sure the tape stays aligned and flat.

2

Next, you will tape your vertical A + B panel joins. Starting at the top of your A + B panels, center your joint tape on the seams and carefully seal all panel joins, working your way down to the bottom of the panels. **Applying the tape in 12" strips may help accuracy and achieve a smooth, wrinkle-free finish.** Go slow and make sure the tape stays aligned and flat.

3

Finish taping around any joins that have not yet been addressed, such as around the windows and door. **⚠ The final step is to go over all joint tape with a heat gun. This ensures ultimate adhesion to the insulation panels and slightly shrinks the tape to create a tighter seam for all panel joins. Do not hold the heat gun too close to the tape or insulation kit during this process. Keep your heat gun approximately 6" away from your tape and se a continuous sweeping motion along all seams ⚠**



NOVA DOME

enjoy your new dome!



If you have any questions about the installation of your EPS Insulation Liner Kit, please contact us using the phone number or email below.

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