



DOME INSTALLATION INSTRUCTIONS

Domes are segmented into pieces varying from 1 to several depending on the size. Please refer to your shop drawings to determine the number of pieces for your particular dome. Helpful tools that you may require are a plumb bob, laser and tape measure. Installation items required would be our “Two-Bit Clips”, drywall screws, hanger wires or threaded rod, our “curved flex-tape”, our “E-Z Trowel” and our “PL Premium adhesive”.

1. It is always helpful to layout the dome on the ground to insure accuracy. Always have a few shims available to adjust to make up for any indifferences in framing.
2. Find your elevation of the lower connection point, as well as, your top dead center point. This is very important in that the dome will not fit if these points are not established correctly.
3. It is always helpful to have the hanger wires or rods already dropped so the first piece can be suspended and adjusted until all critical heights have been satisfied. This first piece will act as a benchmark so if it not installed correctly the dome will not fit. It is very important the outer point of the dome is at the centerline (single tier dome only) or to the given elevation on the shop drawings (multiple tiered dome).
4. Continue to install the dome pieces matching the initial piece. Remember to use the “Two-Bit Clip” between pieces in that it performs two important tasks. First it maintains the necessary gaps required from piece to piece and it also aides in alignment from piece to piece. Do not glue the joints until all pieces are installed and any minor adjustments in gaps have been made.
5. After the entire dome has been installed, glue the seams using our “PL Premium adhesive”. This is very important to prevent any joint cracking in the event of movement.
6. After allowing the adhesive to dry, tape the seams using our “curved flex-tape” and our “E-Z Trowel”. Use standard taping procedures to finish the joints. After the joints are taped, floated and sanded, blow the unit clean and prime with standard interior drywall primer and finish as per painting specifications. Always remember our material is provided with a Level 4 finish ready surface. If a finish level higher than 4 is required, the contractor may have to skim the surface to achieve this finish. Plastrglas will not be held responsible if indeed the material has to be skimmed to achieve this level.
7. Always remember call the plant if you have any questions. Always make sure you have the latest set of shop drawings, even minor changes may require a revision.