

INSTALLATION PROCEDURE

•PREP WINDOW SURFACE

The 4 ounces of Silane Adhesion Promoter provided makes approximately 5 gallons of solution. Use a 0.5% level of Silane diluted in a 50:50 isopropyl alcohol-water cleaning solution is sufficient. This can be achieved by adding 25 drops of Silane to 4 ounces of the isopropyl alcohol and then add 4 oz. water and shake vigorously. Allow the solution to activate for 8 hours before applying to the glass surface. If hot water is used, the solution should be usable in 30 minutes. Once activated, it is best to use the solution within one week. Use a spray bottle to apply solution to glass surface. Wipe the surface dry and make sure there is no film or residue visible.

•APPLY GRID

The Perimeter and Intermediate Grid is shipped in 20-foot lengths. The Perimeter Grid is installed before the Intermediate Grid. Using a miter saw with a blade for cutting non-ferrous metal, cut the Perimeter Grid to the desired length. **It is critical that the Grids are not installed too tight.** Allow a tolerance of at least 1/32" for the differential expansion and contraction of the materials.

Clean the grid where the Tape will be placed. Apply the tape to the Perimeter Grid using the supplied 1/2" 3M VHB Tape. Dog-ear the backing of the tape on one end of the Grid. Apply the Grid to the glass where desired. Once in place, pull the backing of the tape off while holding the Grid in place. Using a roller, apply pressure to entire length of grid. To achieve a good bond, tape must experience approximately 15 psi of pressure. The Grid may require 2 or 3 times that much pressure to make the tape experience 15 psi.

After installing the Perimeter Grid, install the Intermediate Grid. Placement is dependent on whether you are matching an existing interior grid pattern or establishing your own grid pattern. Cut and apply Intermediate Grid using the same process as Perimeter Grid.

If you have any questions, feel free to contact us.



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