Install Guide

Surface Prep - Cleaning

Use a solution of 2:1 ratio of water (2 parts) and white vinegar (1 part). Vinegar is a great cleaning agent and doesn't leave behind a residue. Assuming the boards are new for these applications, it will not take any effort to simply wipe the area down with the solution and a lint free cloth. Let dry. DO NOT use soap or other cleaning agents. Using other cleaning agents could leave a residue behind, potentially impacting the bonding process.

After the surface of the substrate is dry, apply a light coat of isopropyl alcohol with a lint-free cloth and allow to dry to remove any residual oils and other contaminates.

Note: Application of cleaner with a "spray bottle" will reduce material waste and improve drying time when avoiding over saturation of the cleaning area.

Note: You should always test these procedures in an inconspicuous place to ensure there is no discoloration to the substrate.

Graphic Location

Option 1: Specific location of the target graphics will be simple. TLG will provide a template to use, consisting of the board size and with cut out template locations consisting of 1.5mm larger than the graphic, for easier and accurate installation.

or

Option 2: Graphic may be provided with masking material to eliminate the need for a template, where the installer simply locates the center point of the graphic on the board surface and places the masked graphic on the surface and then removes masking material, very much like a window or wall graphic installation. This option adds approximately 20% more cost to the product, but could decrease the installation time by as much as 50%.

Application

Our logos and graphics are made for easy for DIY installers and professional graphics technicians as well. Our three component solution is complete and ready for install when received. Once the surface is clean and the location is identified with the template:

1. Peel approximately 25% of the protective backing off of the graphic.
2. Place one edge in the template opening and lightly press down.
3. Carefully peel the rest of the protective backing off of the graphic.

4. Gently lay the graphic inside the open template area and touch the top of the graphic to hold the graphic in place without all surface areas of the graphic coming in direct contact with the board surface.
5. Repeat this process with the three remaining graphic components.
6. Use the "brayer" (tool with a rubber roller at one end and held with a handle) to roll the graphics and compete the surface contact with the board.
7. Apply moderate heat to the surface of the graphics with a commercial heat gun. Recommended 1500 KW commercial heat gun. Don't allow the tip of the heat gun to be any closer than 3 inches and constantly move the direction of heat to avoid overheating.
8. While heating the surface, quickly roll the brayer over the graphics to ensure the best bonding and that the graphic takes on the texture of the board surface.

Note: do not allow the heat gun to get too close to the surface of the graphics or stay in one place while the heat is being applied to avoid damage to the graphic.

Note: when removing protective backing, be sure not to allow it to come in contact with the adhesive. This will result in damaging the adhesive backing and you will need to replace the graphic piece.

or

Option 2: noted above, will have less labor and decrease the total install time.

1. Locate the center point of the graphic on the board surface and place the masked graphic on the surface.
2. Roll lightly with the brayer.
3. Then remove masking material carefully from one edge, pulling straight back at approximately 170 degree angle. Do not pull straight up or at a forward slant, this may cause lift off of the graphic material and then you will lose the proper positioning that is provided by the masking process.
4. Apply moderate heat to the surface of the graphics with a commercial heat gun. Recommended 1500 KW commercial heat gun.
5. While heating the surface, quickly roll the brayer over the graphics to ensure the best bonding and that the graphic takes on the texture of the board surface.

Note: do not allow the heat gun to get too close to the surface of the graphics or stay in one place while the heat is being applied to avoid damage to the graphic.

Note: when removing protective backing, be sure not to allow it to come in contact with the adhesive. This will result in damaging the adhesive backing and you will need to replace the graphic piece.

Graphics are ready for use immediately after application. With all chemical applications, there is a natural curing time in which the bond between the surface and the graphic will strengthen. All surface applications will result in a different curing time, eventually leveling out or flat lining in the curing and strengthening process. Therefore, allowing a 24 to 48 curing time will result in a stronger adhesion.

Remove Protective   Apply to Surface   Apply Heat & Roll   2nd Application
Backing