

1



Required Tools: 225 Galaxy, 236 Combination Screws, 229 Galaxy Alignment Pins, Dead Blow Hammer or 965 Galaxy Hammer, 919 Carbide Tipped Drill 5/16", 952 Pop Toggle, 920 Panel Adjuster, 922 Vacuum Cup 8"

2



Layout the perimeter of the panels on the walls with a blue chalk line. Confirm that the panel layout is workable with field alignment, electrical and any other requirements. Tip, the sheetrock finish should be Level 2 only, taped, one coat, no corner bead, no skim coat.

3



The 225 Galaxy can be CNC cut and plant installed flush into the pre-engineered solid surface panels, allowing the panels to be shipped flat packed.

4



Install the 225 Galaxy using a Dead-Blow Hammer on a solid work surface. Tip, Stronger Galaxies may need to be glued into place.

5



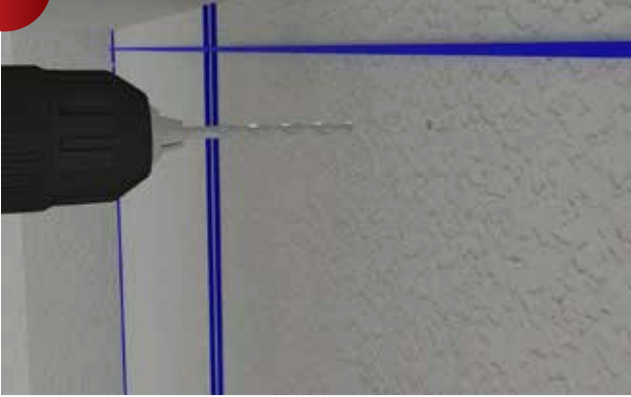
Insert the 229 Galaxy Alignment Pins into the 225 Galaxy. The 229 Galaxy Alignment Pins are reusable.

6



Carefully place each panel in the correct position and bump the panels to mark the locations of each mounting screw.

7



Using 919 Carbide Tipped Drill 5/16" Bit, slowly drill the drywall holes in the appropriate locations.

8



Install the 952 Pop Toggle into the sheetrock, it should fit firmly. Push the setting stick into the 952 Pop Toggle to get the arms to pop out. Using a drill set on low torque, gently snug the 236 Combination Screws into the 952 Pop Toggles. The gap between the sheetrock and the solid surface panel can be adjusted with the screws or washer. Most solid surface manufacturers recommend 1/8" gap.

9



If reveal strips are needed, install them now.

10



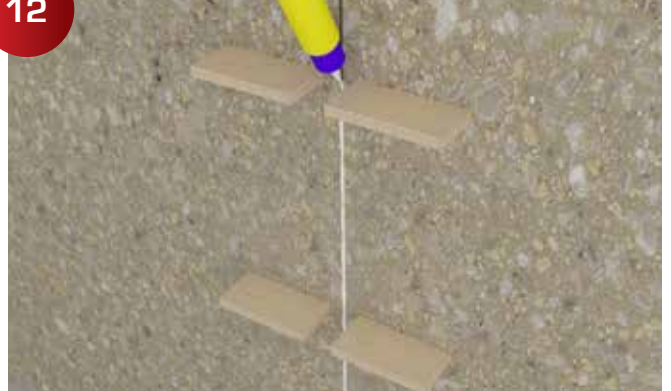
Test fit the panels; they must be carefully realigned with the mounting screws. Next push them straight into place firmly, you should hear them click and lock into position.

11



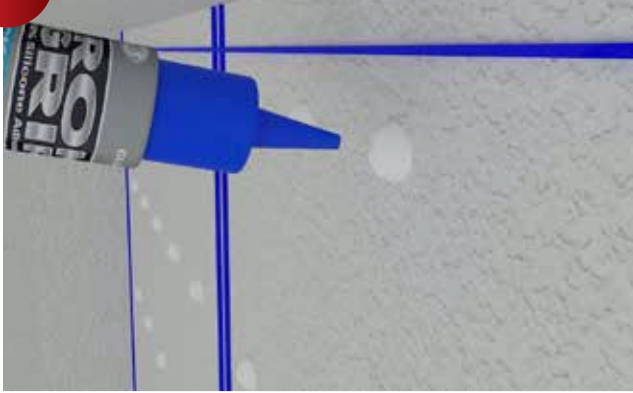
After confirming the panels fit flush into place and you are ready for permanent installation. Thoroughly clean all residue on the mating edges with a clean rag and denatured alcohol.

12



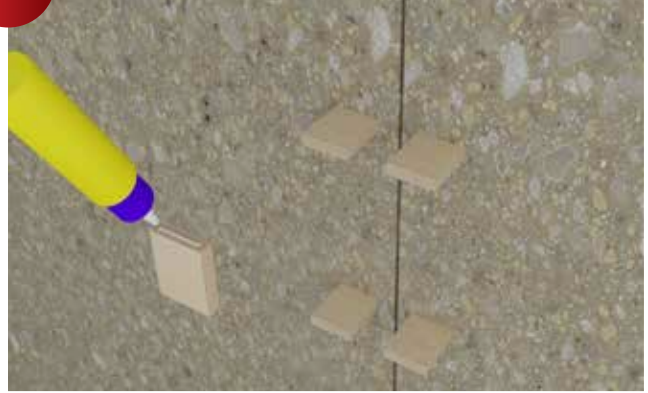
Install the clamp blocks with hot melt glue.

13



When ready for two hours of uninterrupted work, start installing the panel. The solid surface panels are set permanently in place with thick spots of silicone, about 12" apart. Start with silicone because it takes longer to set than the Solid Surface adhesive

14



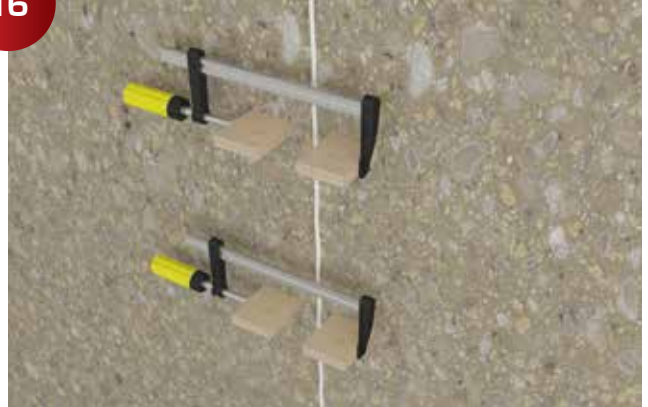
Place a thick bead of solid surface matching adhesive on both edges of the panel. The goal is to have ooze 100% of the length joint and completely sealed. Carefully push the 12mm panels into the silicone, and firmly into the mounting screw.

15



There should be about a 1/8" gap between the sheetrock and the Solid Surface panel. The 225 Galaxy only holds the panel in place until the silicone sets.

16



Use bar clamps to force the panels together, floating on the silicone. Push the panel into place with a dead blow hammer until all areas of the panel are set in the silicone. To alignment the panels, (vacuum cup alignment tools are available for this step). The Galaxy 226 will flex enough to work the seam.

17



Using a soft plastic chalk scraper and denatured alcohol, scrape off all the excess matching adhesive before it sets. This should leave a fine line of matching adhesive.

18



At this point you should have almost no seam and be securely locked into place with gap between two panels 100% filled. (Tip, getting the panels perfectly aligned is critical, sanding solid surface flush is very difficult).

19



Allow to fully set before sanding and finishing. Solid Surface flush seams require an experienced professional with the correct finishing products.

20



Clean the surface and caulk perimeter of the wall with paintable clear caulk.

21



The finished solid surface panels are not removable.