

Star Hanger SYSTEMS

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225 GALAXY, DIRECT TO SHEETROCK, ALIGNMENT PINS, PANEL ALCOVE, INSTALLATION GUIDE

1



Required Tools; 225 Galaxy, 229 Galaxy Alignment Pins, 236 Mounting Wood Screw, Dead Blow Hammer or 965 Galaxy Hammer, 919 Carbide Tipped Drill 5/16", 911 Carbide Tipped Drill 1-1/4" Forstner Drill, 952 Pop Toggle, 920 Panel Adjuster, 922 Vacuum Cup 8", 1/32" Plastic Laminate, Contact Cement.

2



When sent in a pre-assembled flat packed kit, the tools required for customer installation are minimal.

3



Tools required for installation only: 229 Galaxy Alignment Pins, 236 Mounting Wood Screw, 919 Carbide Tipped Drill 5/16", 911 952 Pop Toggle, 1/32" Plastic Laminate, Contact Cement.

4



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.

5



225 Galaxy should be drilled about 2" off the panel corners to firmly hold the panels. Drill the holes with a 911 Carbide Tipped Drill 1-1/4", Forstner Drill, 3/8" deep (in the field) or with a CNC (in the plant).

6



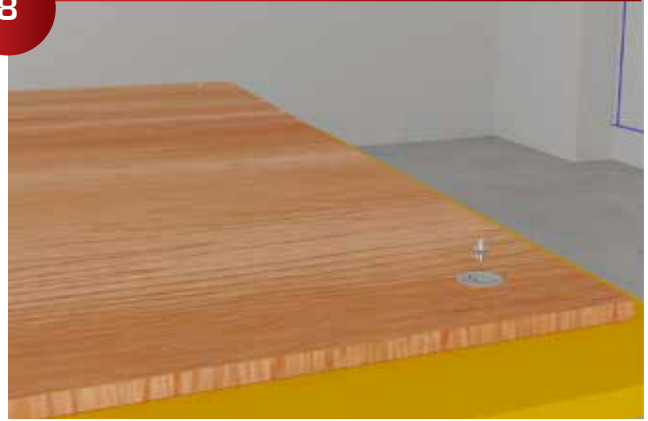
Install the 225 Galaxy using a Dead-Blow Hammer on a solid work surface. The 224 Galaxy can be installed flush, allowing the panels to be packed flat for shipping.

7



Install the baseboard or a support block board to steady the panels while marking for the Mounting screws. The reveals can be quickly painted, or you can use 1/32" plastic laminate with contact cement.

8



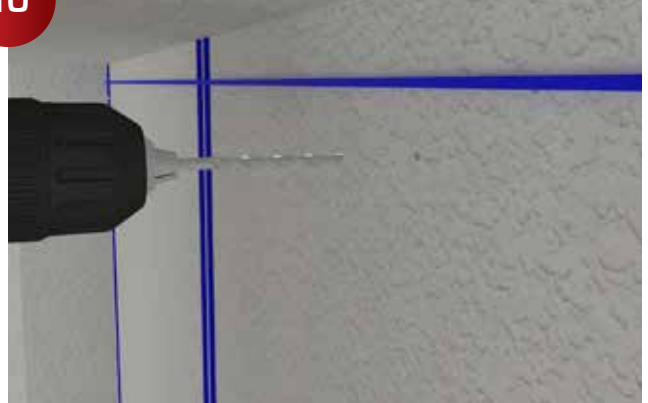
Insert the 229 Galaxy Alignment Pins into the 225 Galaxy.

9



Set the panels on top of the support blocks and push them firmly into the drywall to mark the locations for the mounting screws.

10



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

11



Install the 952 Pop Toggle into the sheetrock, it should fit firmly. Push the setting stick into the 952 Pop Toggle to force the arms to pop out.

12



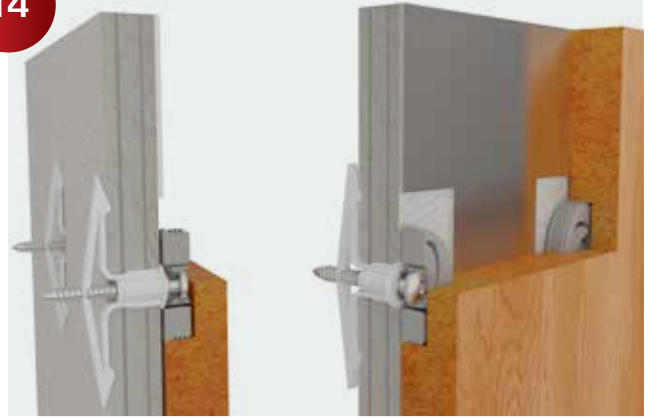
Using a drill set on low, torque gently snug the 236 Combination Screw into the 952 Pop Toggle. (TIP: Do not over tighten the bolt, it can compress into the sheetrock.)

13



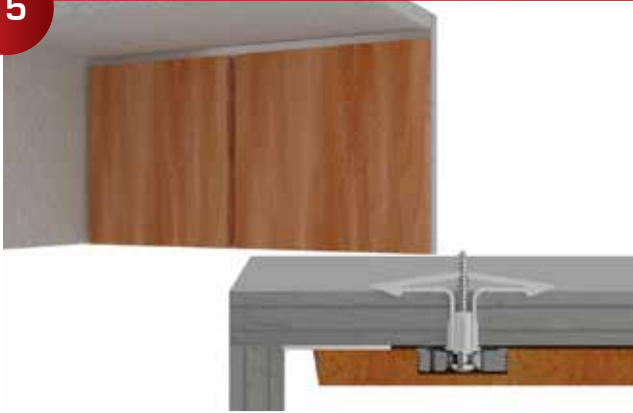
Install reveal strips or paint between the chalk lines with contact cement. The joints can be cut with laminate shears.

14



To install the panels they must be carefully realigned with the mounting screws. Next push them straight into place firmly, you should hear them lock in position. (TIP: Use support blocks to quickly locate the position of the panel.)

15



Cutaway view of Horizontal Cross Section

16



Finished panel wall.

17



The panels are permanently removable for maintenance. The Galaxies are not suitable for frequently used access panels.