

Star Hanger SYSTEMS

"Hidden Fastener Specialists" | www.starhanger.com

225 GALAXY, DIRECT TO SHEETROCK, TEMPLATE, HOSPITAL HEADWALL

1



Required Tools; 225 Galaxy, 229 Galaxy Alignment Pins, 236 Combination 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



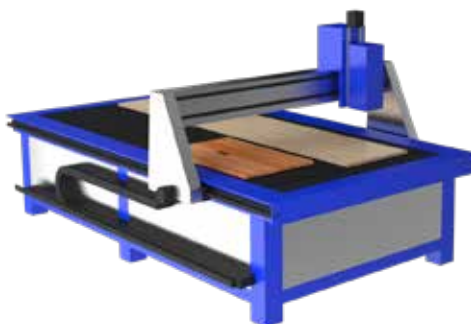
Cut a 3/4" wood template, sized to the centerline of the reveals. 917 Drill Collars can be used to improve durability and precision. The 224 Galaxy should be drilled about 2" off the panel corners and every 24" to firmly hold the panels.

3



A full layout is not required; you just need the layout required to install the reveal strips. Adding a support strip under the template is helpful.

4



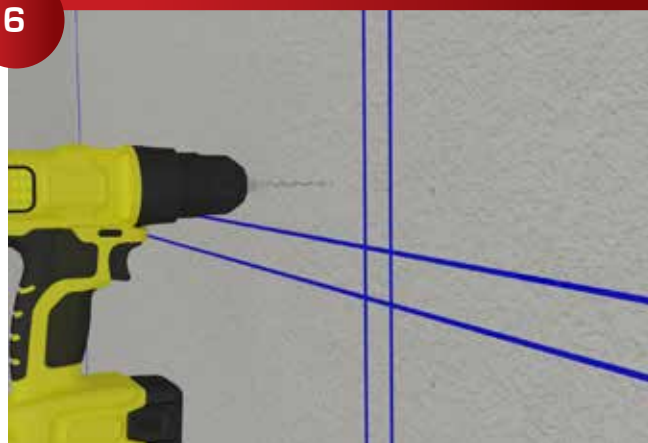
The panels and template can be cut out with a CNC router. Or the same template can be used with the 916 Drill Collar and 5/16" Center Drill to mark the location of the 1-1/4" Forstner Drill.

5



Install the 224 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.

6



Screw the template in place and drill the 919 Carbide Tipped Drill 5/16" Bit slowly through the sheetrock. (Tip, the hole needs to be clean to hold the Pop Toggle accurately).

7



Install the 952 Pop Toggle into the sheetrock, it should fit firmly.

8



Push the setting stick into the 952 Pop Toggle to force the arms to pop out.

9



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

10



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

11



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 spacer strips to quickly locate the position of the panel).

12



Cutaway view of the assembly

13



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

14



Finished panel wall.

This 225 Galaxy and the 236 Mounting Screw can be used in combination with a master template to make the direct installation of panels and artwork to drywall quickly and precisely. In this case we are showing the panel 1/32" off the wall for use with a 1/32" thick metallic laminate reveal. However, the 225 Galaxy can be mounted flush to the drywall.