

1

GET TOOLS READY



Required Tools; 640 Cloud Hanger, Select appropriate 600 Series hardware to structure, Laser Level, Vise Grip, Needle Nose Plies, Cable Cutter. The 640 does not come with 1/8" cable.

2



There are three common ceiling structures that the Cloud Hangers can be suspended from; steel beams, concrete, and wood. The type of ceiling structure determines your first steps.

3



Determine the desired location of ceiling panel on the floor. A template with the cable connection points is helpful.

4



Use a laser level to transfer the cable connection points to the ceiling structure.

5



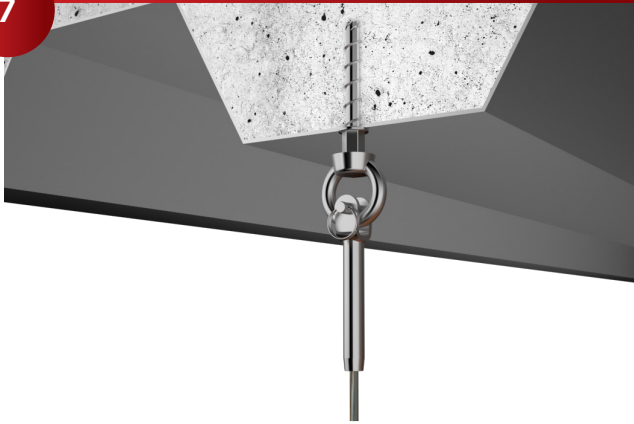
Examine the ceiling structure above and determine if the cable connection points are workable. If required adjust the location of the template to locate solid connection points.

6



When working with exposed steel beams, 610 Beam Clamp with 1/4" Eye Bolts and 622 Fork Connector with 5 ft. of Cable works well.

7



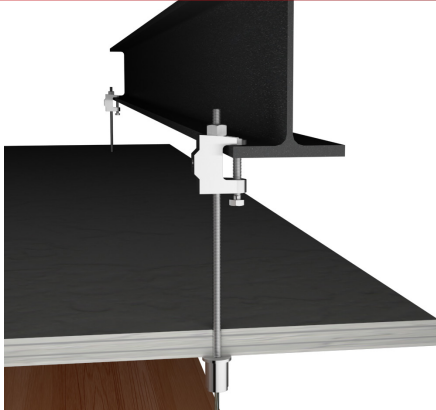
When working with an exposed concrete deck above the 612 Anchor, 1/4"-20 Hilti Concrete Bolt, 1/4" Eye Bolts and 622 Fork Connector with 5 ft. of Cable works well.

8



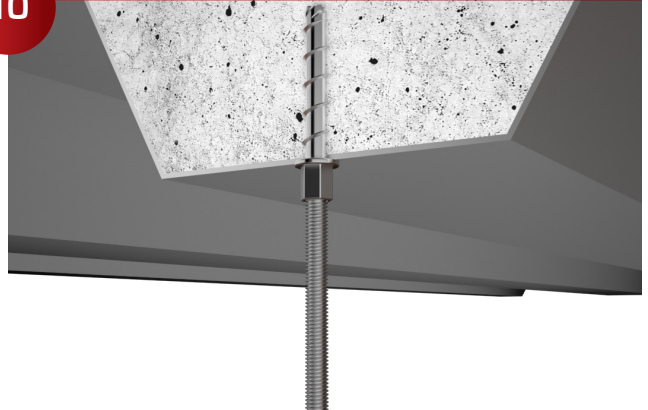
When working with wood beams the Stainless 614 Diamond Pad Eye can be screwed in place on a thick wood beam with heavy screws, and 622 Fork Connector with 5 ft. of Cable drops down to the 640 Cloud Hanger.

9



When working with finished sheet rock ceiling and hidden steel beams. A good option is to use a 610 Beam Clamp, 1/4"-20 connected to a 1/4"-20 threaded rod left exposed through the finished ceiling. After the ceiling is finished, the exposed rod is cut to 1/2" below the ceiling and cleaned up, ready for the 620 Ball Connector. SEE step 12

10



When working with finished sheet rock ceiling and hidden concrete deck. A good option is to use a 612 Concrete Bolt, 1/4"-20 connected to a threaded rod. SEE Step 12.

11



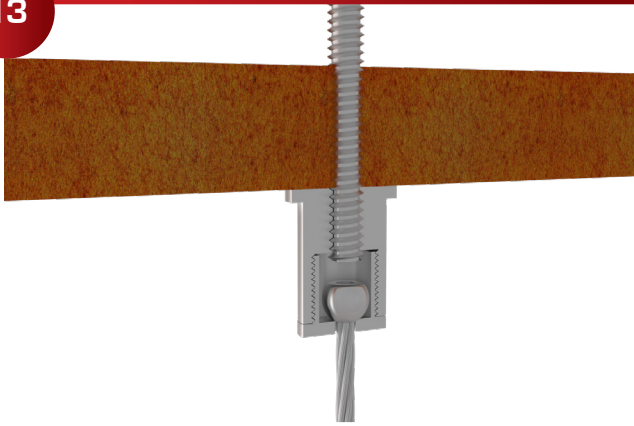
When working with finished sheet rock ceiling and hidden wood beam. A good option is to use a 612 Concrete Bolt, 1/4"-20 connected to a threaded rod.

12



When using exposed structural connections & cables. The cables should be dropped about to the final panel level. Tie & loop the cables together to hang them well above the work zone.

13



When finished sheet rock ceiling and a exposed rod, the rod is cut to 1/2" below the ceiling and cleaned up, ready for the 620 Ball Connector.

14



Carefully lift the panel into position from a secure platform.

15



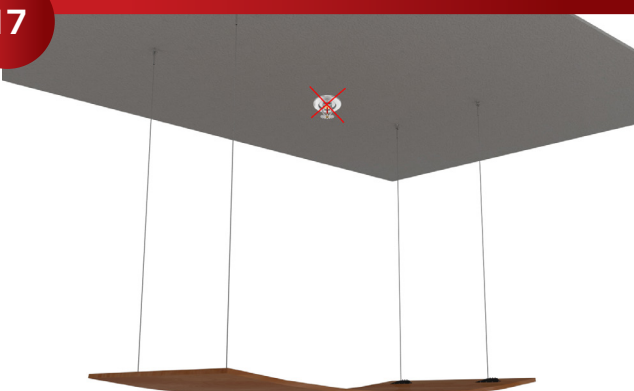
Install the cable through to the Cloud Hanger by loosening the cable locking set screws and feeding the cable through horizontal locking hole with needle nose pliers. The last loop needs to be flipped around carefully to avoid kinking the cable

16



Use the needle nose vise grips to adjust the cable length until the Cloud is at the correct height. When correct tighten all three Allen bolts to lock the place. Use a firm force to lock all 3 cable lock cap screws in place, however, not enough to cut the cable.

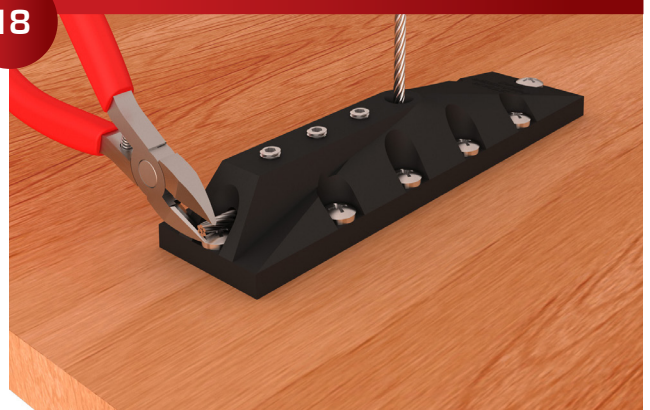
17



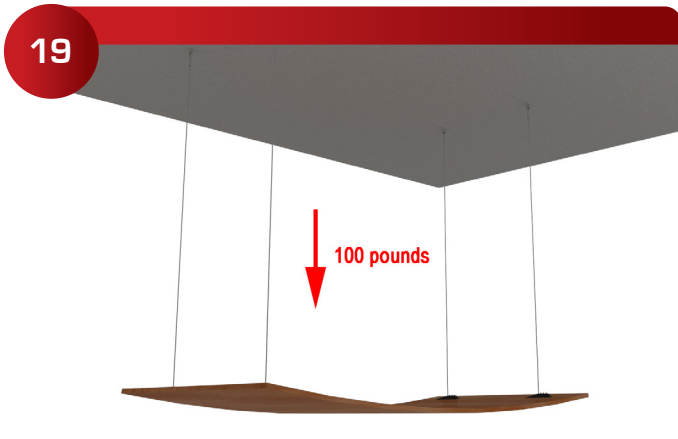
Take a good look at the panel from the ground to make sure it does not hit anything, and does not block HVAC vents, fire sprinklers, or other critical equipment.

Note, A fixed cable connection should not be used if the panel will be constantly subject to sway or noticeable movement from HVAC vents, fan, or any other source.

18



Cut cable off flush with the end of the 640 Cloud Hanger. The 1/8" stainless steel cable is difficult to cut, use a large pair of wire cutters or a small bolt cutter.



While standing solidly on the ladder pull down firmly on both ends of the panel. If properly connected the ends should show no signs movement of failure with 100 pounds of added force.



Finished panels

DESIGNER NOTE:

The 640 Cloud Hanger Nylon mounting plate makes the final connection from 1/8" cable directly to the wood panel, baffle, slat, etc. The hanger is attached to the wood panel with 10 pan head #8 wood screws. The large quantity of screws allows high strength even with the use of shorter screws to avoid bubbling the surface of the panels. The 640 Cloud Hanger is 7/8" x 1-3/8 x 5-1/2" nylon high pressure injection molded with a black matt finish. The cable length is easily adjusted at the panel level with 3 locking set screws. Cloud Hanger has a molded in place rub protection collar which allows the panel to be mounted at up to a 45-degree angle.