

Baffle, Corkscrew and Grommet Installation Guide

Installation

- WILLTEC™ Baffles can be installed using corkscrew hangers in the field for either wall-to-wall cable installation or ceiling-mounted cable installation.
- Baffle distance from the ceiling has little effect on acoustic performance. Avoid hanging baffles more than 10 feet (3 m) below the ceiling because long tethering will cause them to sway in air currents.
- Baffles can be hung horizontally or vertically, above or below the lights. Use wall-to-wall cable installation for large jobs over open areas where scaffolding would be cumbersome. It is best to arrange SONEX® Valueline or WHISPERWAVE Baffles parallel to each other. Optional spacers from pinta help place baffles evenly across the cable span.

This method can be used with either corkscrew-hung SONEX Valueline or WHISPERWAVE Baffles. It is also suitable for grommet-hung SONEX One and SONEX Clean Baffles. The baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees. Tests have shown that baffle arranged in an alternating pattern perform slightly better than baffle hung in the same direction.

When possible, install a center support hook or eye in the middle of the ceiling to counter cable sag approx. 2-1/2" (64 mm) over 80 feet (24.38 m). Slide baffles from each end of the cable to the center.



Fig. 1



Fig. 2



Fig. 3

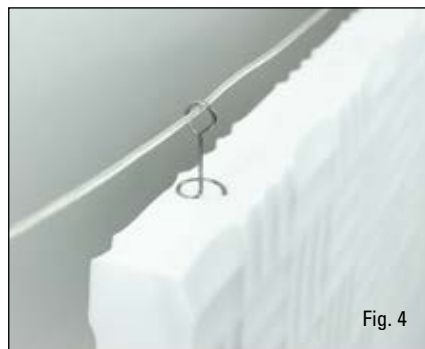


Fig. 4

Installing Corkscrew Hanger in SONEX Valueline or WHISPERWAVE Baffle

1. Mark a dot at least 3" (76 mm) in from each edge of the baffle and centered on the width of the baffle. Optimal placement is between 4" (102 mm) and 8" (203 mm) when hung horizontally. See Figure 1.
2. Center the corkscrew hanger over the dot. Holding the hanger vertically, press down lightly and turn. See Figure 2. Allow the downward pressure to pierce the foam. Do not poke the hanger point into the foam. If necessary, spray hanger with dry lubricant.
3. If the hanger pops out of the side of the baffle, start over at a different point. Do not try to restart in the same place.
4. Turn the corkscrew hanger clockwise until it is completely seated and the top coil of the hanger is touching the edge of the baffle.
5. If doing a large installation, prepare a stack of baffles to mark hanger placement at the same time. This will speed up the process and give a uniform look.
6. Baffles can be installed individually with cable looped through each corkscrew or grommet (Fig. 3). Baffles can also be installed on a horizontal cable with multiple corkscrews or grommets threaded on the cable (Fig. 4). This is very important for the wall-to-wall cable method.

NOTE: Turn the eye loop so it is parallel to the top of the baffle and the openings of the eye loops face in the same direction.