

# SONEX® Clean Baffles, Panels and Ceiling Tiles

## Installation Instructions

### Baffle Installation

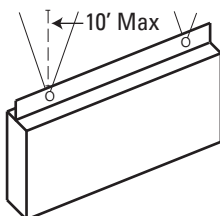


- Baffles are manufactured with grommets for easy installation on ceiling-mounted cables and chains.
- Wear clean cotton/canvas gloves to handle baffles for installation.
- Attach the bottom end of the cable or chain to the grommet in the corners of the baffle, either directly to the grommets or by using "S" hooks.
- Arrange baffles in an even, balanced pattern above the area to be treated. The baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees. Tests have shown that baffles arranged in an alternating pattern perform slightly better than baffles hung in the same direction.

Top View - Installation Patterns



- Baffle distance from the ceiling has little effect on acoustic performance. Avoid hanging baffles more than 10 feet below the ceiling because long tethering will cause them to sway in air currents.



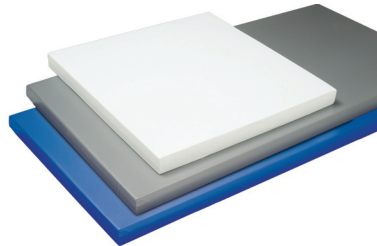
- Baffles can be hung above or below lights and other ceiling fixtures.

### Ceiling Tile Installation



- Fits pinta's 15/16" grid system, any 15/16" or 9/16" standard grid system, or use a tee system.
- Installation is best done at the end of the construction project.
- Wear clean cotton/canvas gloves to handle tiles for installation.
- There is no difference between the back and front of the tiles.
- Ceiling tile simply drops into place.
- Press tiles from above to lay in the grid; do not pull from face.

### Panel Installation



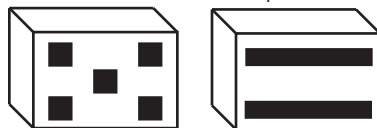
#### General Installation Notes

- Panels can be attached to the wall using hook & loop, C- brackets, horizontal wall angle, tee system or acouSTIC adhesive.
- Hook & loop, C-bracket, horizontal wall angle, & tee system options allow for easy frequent removal for cleaning. Use acouSTIC adhesive only for permanent adhesion.
- Wear clean cotton/canvas gloves to handle panels for installation.
- There is no different between the back and front of the panels.

#### Hook & Loop Installation

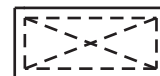
- Place the hook & loop in wide strips or squares evenly on the back of the panel, and on the wall. Only 5% -10% coverage is required. If the panel will indure impact, increase coverage to insure the panel will stay in place.

Panel Back View - Hook & Loop Patterns



#### acouSTIC Adhesive Installation

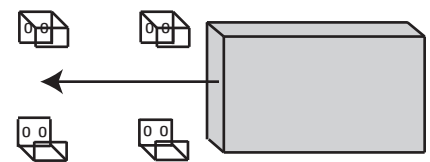
- Insure both sides of the panel and the surface to which the panels are being applied are dust and dirt free. If adhering to a metal surface use a degreaser.
- Cut end of adhesive tube to produce a 1/4" bead.
- Apply a 1/4" bead of adhesive around the perimeter of the panel approximately 1" from the edge.
- Apply a 1/4" bead of adhesive from opposite corners through the center of the panel, creating an "X."



- Press panel into place and hold for 5 seconds. Then pull panel away from the surface for 1 minute to allow adhesive to become tacky.
- Press the panel back into position and hold again for 5 seconds.

#### C-Bracket Installation

- Bolt 4 C-brackets to the wall spacing them accordingly. Allow room for the panel to slide out of the brackets horizontally without a lot of friction.

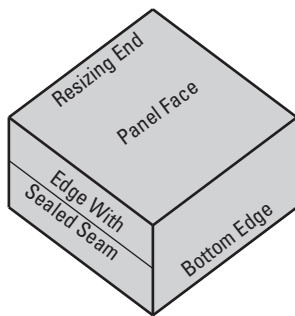


# SONEX® Clean Panels and Ceiling Tiles

## Straight Edge Resizing Instructions

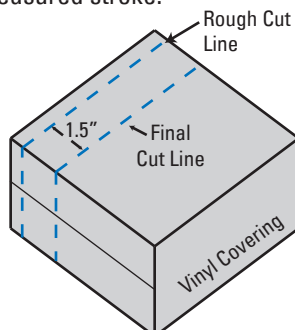
### #1 Setup

- Wear clean cotton/canvas gloves to handle panels or ceiling tiles.
- Be sure to lay the panels or ceiling tiles on a clean surface throughout the resizing process.
- Find the solid edge without a sealed seam. Resizing will be done to the edge opposite the one without a sealed seam. Sealed seams can be found on the left, right & top edges. There is no different between the back and front faces of either the panels or ceiling tiles.



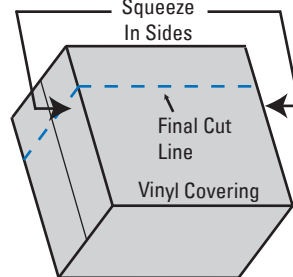
### #2 Rough Cutting

- On the vinyl covering draw a rough cut line across the panel or ceiling tile 1.5" from the final desired size.
- Use a saw with a fine tooth blade to cut along the rough cut line. The cut should go completely through the vinyl covering and willtec foam. If using a hand held blade, insure it is long enough to cut evenly through the entire thickness with a single measured stroke.



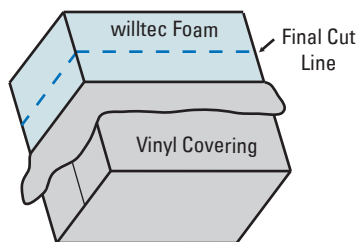
### #3 Vinyl Covering Removal

- Squeeze the two remaining edges with sealed seams towards each other to assist you in peeling the vinyl down past the final cut line. Insure the peeled vinyl stays intact. It will be reused to reseal the panel or ceiling tile.



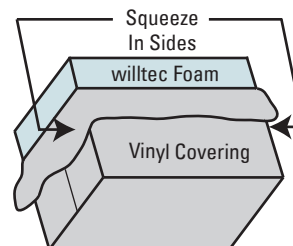
### #4 Cutting

- Mark the final cut line on the willtec foam. Use a saw with a fine tooth blade to cut the willtec foam core only. Do not cut the vinyl covering. If using a hand held blade, insure it is long enough to cut evenly through the entire thickness with a single measured stroke.



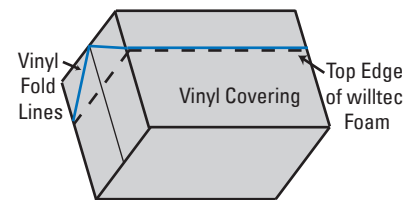
### #5 Recover Exposed Foam

- Squeeze the two remaining edges with sealed seams towards each other to assist you in pulling the vinyl covering back over the exposed willtec foam.

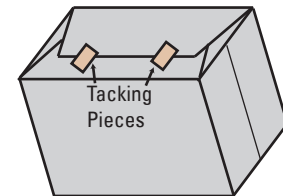


### #6 Resealing

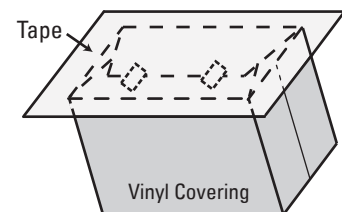
- Fold the vinyl edges in first over the top edge of willtec foam. Fold one vinyl face down over both vinyl edges. While holding these pieces in place, fold the final vinyl face over the other vinyl pieces. Pull it tight to insure the vinyl covering the panel or ceiling tile stays taut.



- Tack the vinyl into place.



- Use pinta acoustic's white vinyl 3" sealing tape to reseal the panel or ceiling tile. Use a strip of tape that is 2" longer than the tacked edge. Center the tape over the tacked edge of the panel or ceiling tile.



- Press the tape down along the top edge, and two faces. Tuck and fold the remaining tape down over the right and left edges.

