pinta acoustic

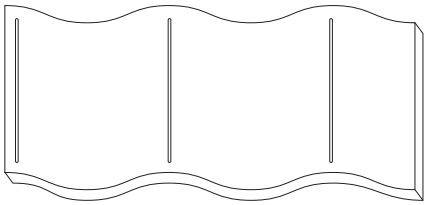
WHISPERWAVE™ Panels, Baffles, Ceiling Clouds and Awnings
Installation Instructions

WHISPERWAVE Panel Installation
Panels mount to ceilings or walls with acouSTIC adhesive.

Specially formulated for use with many pinta acoustic products, acouSTIC adhesive (PA-02) is a nontoxic, water-based adhesive. It makes installation hassle-free and provides a strong, permanent bond. Other adhesives may not be compatible with pinta products.

General Installation Notes
- Handle with care, do not pick up or handle panels or tiles by the corners.
- Store right side up and flat in a clean, dry area. Do not stack anything on top of cartons.
- Work with clean hands on a clean work surface. Wear clean cotton/canvas gloves.
- Use a sharp razor, fixed-blade knife or electric carving knife and a metal straightedge to cut panels. The blade should be long enough to cut through the entire thickness of the foam.
- Panels can be installed next to each other for a continuous ribbon appearance.
- Overhead installations may require additional support and cure time until adhesive sets.

Installation with acouSTIC
1. Panels and the surface must be dust- and dirt-free. If attaching to a metal surface, use a degreaser.
2. Cut the end of adhesive tube to produce a ¼" bead.
3. First apply a ¼" line of adhesive at the highest point of each curve.
4. Press panel into place and hold for five seconds, then pull panel away from surface for 1 minute to allow adhesive to become tacky.
5. Press the panel back into position and hold again for 5 seconds.



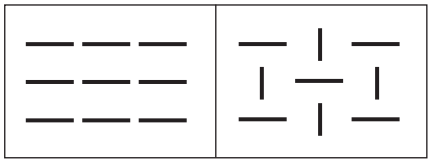
WHISPERWAVE Baffle Installation

General Installation Notes
- Arrange baffles in an even, balanced pattern above the area to be treated.
- Corkscrew hangers are installed 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 more than 10 feet below the ceiling. Long tethering will cause baffles to sway in air currents.
- Baffles can be hung horizontally or vertically, above or below the lights.

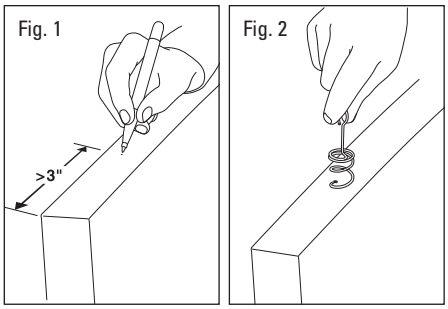
Wall-to-Wall Cable Installation
For large, open areas where scaffolding is cumbersome, it is best to arrange the baffles parallel to each other. Optional spacers help place baffles evenly across the cable span.

Ceiling-Mounted Cable Installation
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.



Installing Corkscrew Hanger
1. Mark a dot at least 3" in from each edge of the baffle and centered on the width of the baffle. Optimal placement is between 4" and 8" when hung horizontally. (Fig. 1)
2. Center the corkscrew hanger over the dot. Holding the hanger vertically, press down lightly and turn. (Fig. 2) Allow the downward pressure to pierce the foam. Do not poke the hanger point into the foam. If necessary, spray the 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.
   If doing a large installation, prepare a stack of baffles to mark hanger placement at the same time.
   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. This is very important for the wall-to-wall cable method.



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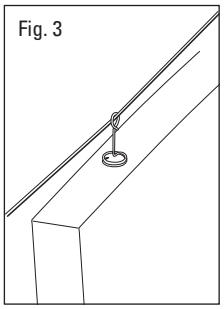


Fig. 3

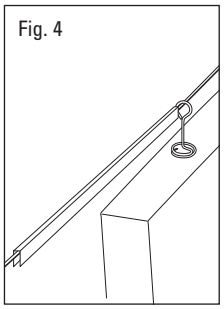


Fig. 4

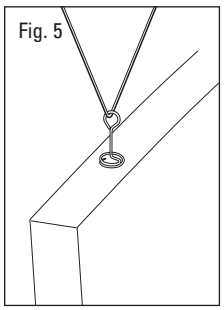


Fig. 5

Wall-to-Wall Cable Installation

W1. Determine length of cable needed to suspend it across the room to hang baffles.

W2. Attach steel cable to one wall or I-beam with eyebolts and turnbuckles.

W3. Attach the other end of the cable to the opposite wall or beam and tighten.

W4. Slip the eye loops over the cable. Turn the eye loops approx. 1/4 turn counterclockwise so the eye loops are perpendicular to the baffle, locking the cable in place (Fig. 3).

W5. Slide baffles across the cable. Insert pinta spacers between baffles for even placement across the cable span (Fig. 4). Spacers can be used on the ends of cables or between baffles to create openings for ductwork or light fixtures.

W6. Optional: Install a center support hook or eye in the middle of the ceiling to counter cable sag approximately 2½" over 80 feet. Slide baffles from each end of the cable to the center.

Recommended hardware for wall-to-wall method (available from building suppliers):

- 3/32" (7 x 7) uncoated cable and cable clamps
- 3/8" eyebolt (2 per length of cable)
- 1/8" rope thimble cable protector (2 per length of cable)
- 3/8" x 3½" turnbuckle (1)

Ceiling-Mounted Installation

C1. Use 1/16" cable or lightweight chain to hang baffles or ceiling clouds from the ceiling.

C2. Attach cable or chain from the ceiling by looping it around ceiling joists or trusses, or installing anchor eyes in the ceiling.

C3. Slip the eye loop of the corkscrew over the cable. Turn the eye loops approximately 1/4 turn counter-clockwise so the eye loop is perpendicular to the baffle, ceiling cloud or awning, locking the cable in place. (Fig. 5)

WHISPERWAVE™ Ceiling Cloud

Corkscrew hangers are installed in the field for ceiling-mounted cable installation.

Install Corkscrew Hangers (Fig. 6)

1. Mark a dot at least 3" in from each edge on the top surface (faces the ceiling) of the ceiling cloud.
2. Center the corkscrew hanger over the dot. Holding the hanger vertically, press down lightly and turn.
3. Allow the downward pressure to pierce the foam. Do not poke the hanger point into the foam. If necessary, spray hanger with dry lubricant.
4. Turn the corkscrew hanger clockwise until it is completely seated and the top coil of the hanger is touching the surface of the cloud.

Ceiling-Mounted Installation

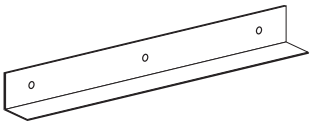
1. See WHISPERWAVE Baffle ceiling-mounted installation section for instructions.

WHISPERWAVE Awning

A track is installed on the wall to support the wall side of the awning. Corkscrew hangers are installed in the field for ceiling-mounted cable installation.

Install Track on Wall

1. Using a level, position the track in the desired location.
2. Attach track to wall using screws and matching anchors.



Install Corkscrew Hangers (Fig. 6)

1. Mark a dot at least 3" in from each edge on the top of the awning.
2. Center the corkscrew hanger over the dot. Holding the hanger vertically, press down lightly and turn.
3. Allow the downward pressure to pierce the foam. Do not poke the hanger point into the foam. If necessary, spray hanger with dry lubricant.
4. Turn the corkscrew hanger clockwise until it is completely seated and the top coil of the hanger is touching the surface of the awning.

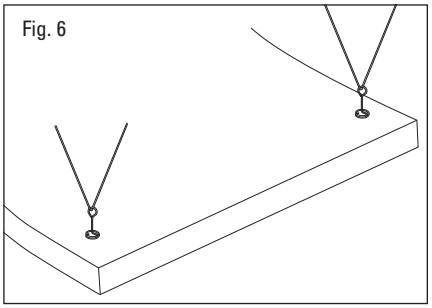


Fig. 6

Ceiling-Mounted Installation

1. See WHISPERWAVE Baffle ceiling-mounted installation section for instructions.

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