

C-Channel for Linear and Other Baffles

Installation Guide

Applications

For baffle installations where corkscrews and cables will not work due to aesthetic or space issues, SONEX® baffles can be mounted using industry standard 2-inch c-channel (not supplied by pinta acoustic). C-channel can be mounted directly to a wall or ceiling substrate; or it can be tied together into a prebuilt structure (or raft) and suspended in the space by threaded rod or cables. A raft is constructed with c-channel attached perpendicular to the main runners providing a rigid structure that can be hung as a unit.

Preparation

Following c-channel manufacturer's instructions, make certain c-channel runs are installed straight and level across substrate and rafts. Once installed, baffles can exaggerate any misaligned channel runs.

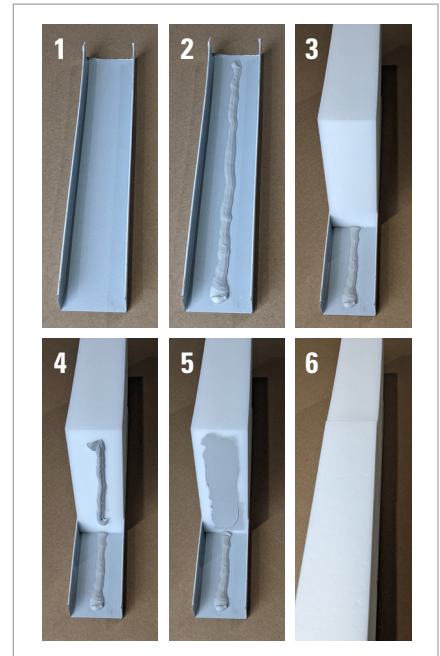
Runs utilizing multiple baffles in-line should include a plan for treatment of seams. Baffles may be spaced out to a measured distance. Ends may be butted together or a bevel can be applied upon request.

Although SONEX baffles friction-fit into standard c-channel, the baffles should be installed with acouSTIC™ adhesive to prevent undesired shifting of the baffle and to promote long-term stability.

- Install c-channel on desired surface, or construct raft, with consideration for mounting method (threaded rod, cable or other). (1)
- Plan edge and gap conditions. Cut baffles to size, if needed. Beveled edges are available from the factory.
- Just prior to installing baffles into the channel, apply a continuous bead of acouSTIC adhesive along the valley of the c-channel that makes contact with the baffle. (2)
- Wear clean, cotton gloves when handling baffles. Insert each baffle into the channel and gently press it into the glue bead with light pressure. Bond should be immediate. Allow 24 to 72 hours for full cure. (3)
- If baffle rows are being run end to end (no gap between baffles), use acouSTIC adhesive to join the ends of the baffles together. Apply short beads of acouSTIC to the end of the baffle; then spread using a putty knife. (4, 5, 6)
- Using light pressure, press the ends together. Glue bond should be immediate, allow 24 to 72 hours for full cure. (7)



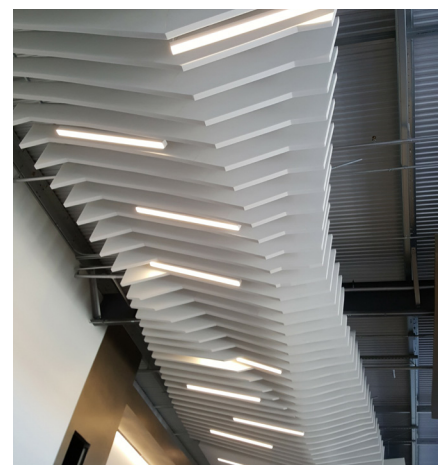
Linear Baffle in C-Channel



Raft Construction Example



Raft Installation Example



Custom Baffles Installed in Raft-C-Channel