

Product Name

All Weather Sound Panels®

Installation Type

Various Panel Configurations

Installation Overview

Acoustiblok All Weather Sound Panels® are suitable for indoor and outdoor use. They may be mounted directly to existing walls, fences, frameworks, etc., with screws, tapcons, bolts or steel wire ties. Made of high quality aluminum alloy, custom panel assembly components are available, including Acoustiblok's T-Bar and Corner Connector extrusions (these are not pre-drilled unless specified).

Panels are designed for vertical mounting if they are to be exposed to water. Outdoor horizontal mounting should be discussed with our engineering dept. (813) 980-1400 x212.

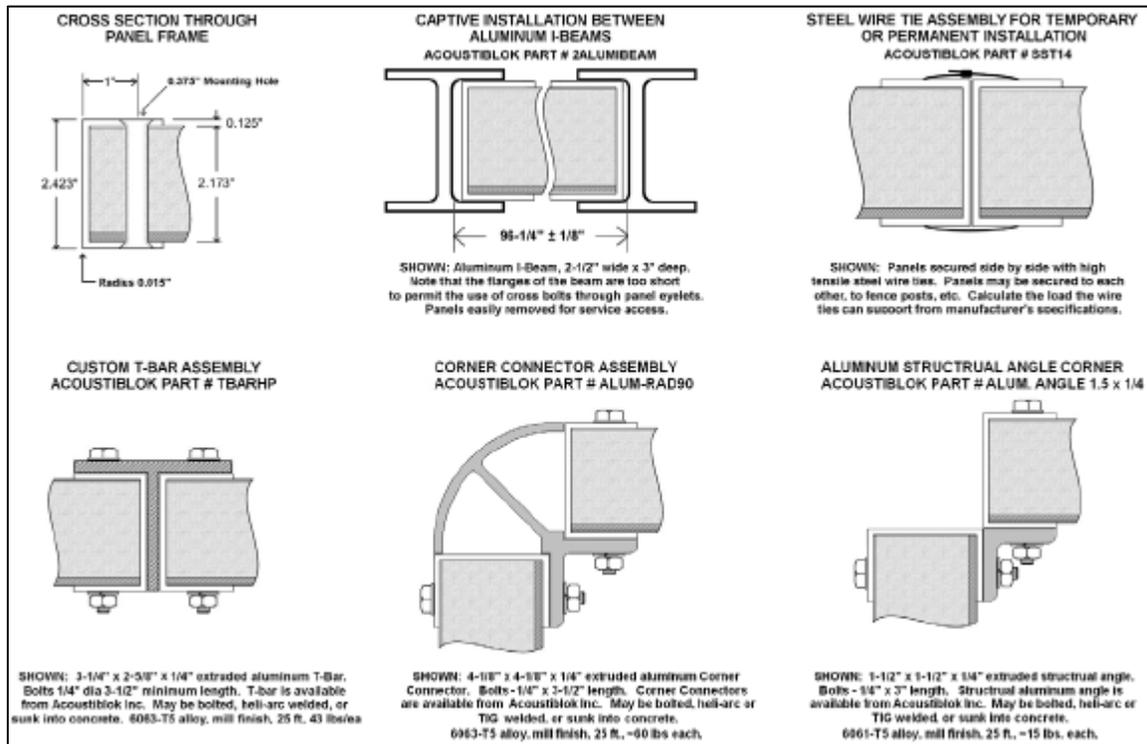
The cross-section views of installation methods found below show assembly details of metal framing for free-standing or mounted barrier walls and enclosures using commonly available materials.

Installation Configurations

Observe close tolerances ($\pm 1/8^{\text{th}}$) when installing upright support members. Where practicable, set the panel in place and use the mounting holes to mark the positions to drill through or into the wall, framework or support structure. The perforated side of the panel must face the noise source.

Note: These configurations are suggestions only and a structural engineer should be consulted regarding questions of structural integrity and the best method for your specific installation. Specification drawings for panel dimensions and eyelet locations are available upon request.

Sound leaks through air spaces easier than water. All seams, gaps and unused mounting holes should be completely filled with soft, UB tolerant acoustic caulk available from Acoustiblok.



Panels are designed to be mounted vertically. If panels are to be mounted at an angle, (with perforation on the downside) Acoustiblok highly recommends sealing the solid aluminum to the frame of the panel with the Acoustiblok FCA10 adhesive and also seal up any drain holes in the frame which may be on the top side, leaving the drain holes on the bottom side open.

Panel Storage Exposed to Water

Panels should always be stored vertically, on their side edge. They should not be stored flat on the front or back, as panels laying flat do not drain properly. This can possibly cause saturation and internal damage, as well as increasing the weight of the panel.

Flat storage of a panel when exposed to water can results in mineral stains on the flat aluminum surfaces after the water evaporates. If the AWSP shipping crate is to be left on the jobsite unopened, we recommend covering the entire crate with a plastic sheet or tarp to prevent rain water damage to the OSB crate material and the panels inside.

Panel Storage, continued...

Indoor Storage

Panels may be stored flat with either side facing up, although it is preferred that they be stored with the perforated side facing up.

Customer Shipping of Panels

Panels should be shipped flat, with the perforated aluminum side up. Protective shipping plastic film should be wrapped around the panels starting at the bottom and going up to the top in such a way that any water which gets into the crate will shed down the sides. A solid sheet of plastic should go over the top and part of the way down the sides in such a way that water will run from the top down the sides. We recommend using a solid piece of plywood on the bottom with a piece of cardboard on it, and then laying the panels on top of the cardboard. Place a sheet of cardboard on top of the plastic wrapped panels and then place a solid sheet of OSB on top of that and on the sides. Use a 1.5" aluminum angle approximately 2" long over each edge of the crate where metal straps will be placed. We also highly recommend using an 8" plywood "kick plate" on each end of the crate to prevent errant fork life penetrations.



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