

CONTROLLING NOISE IN EVERY ENVIRONMENT

NOISE BARRIER CEILING TILE COVERS

CSI DIVISION 13 48 23



ANC-CB22 NOISE BARRIER CEILING TILE COVERS CAN REDUCE COMMON MECHANICAL NOISE PROBLEMS

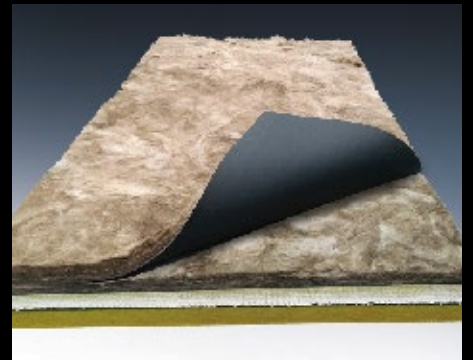
HVAC UNITS (including rooftop units)

- Radiated equipment noise
- Duct Noise (noise generated as air moves down the duct or popping and banging from expansion/contraction of the duct)
- Noise breaking into and out of ducts through duct walls
- Self-noise created by changes in air velocity, elbows and dampers

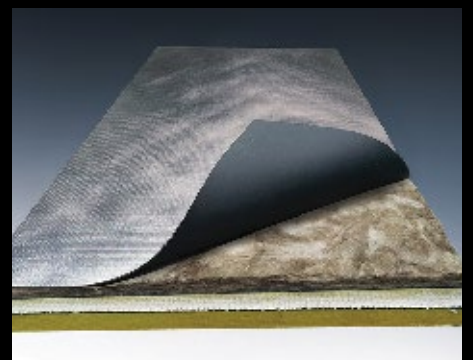
PLUMBING SOURCES

- Expansion & contraction of hot and cold water flow through pipes
- Water Hammer
- Moaning and shrieking caused by high pressure flow through valves and orifices
- Improperly strapped down pipes which cause thumping, rattling, and squeaking

ANC-CB22 Model 1 features a flexible 1 lb/sq ft loaded vinyl noise barrier sandwiched between two layers of 1" fiberglass for maximum acoustical performance with Class A flammability ratings for use in any building.



ANC-CB22 combines a flexible 1 lb/sq ft foil faced loaded vinyl noise barrier with a 1" fiberglass decoupler to enhance its noise reduction properties.



ANC-CB22 Light Fixture Covers are oversized and provided with corner slits to conform to the shape of the convex light fixtures.





Traditional acoustical drop ceiling tiles are designed to reduce the echo within a space. They do so by allowing noise to pass through them, from the occupied space below, into the void above the tiles. This means that sound in pipes and ductwork and noise from equipment can also pass through them, disturbing people in rooms below. Whether the undesirable sound is conversation or noise from pipes, ducts and equipment, All Noise Control Noise Barrier Ceiling Tile Covers make a difference.



The most effective ways to minimize noise from HVAC units is to reduce the noise either at its source or along the path. Noise Barrier Ceiling Tile Covers effectively block sound transmission through ceiling tile systems. They combine a limp barrier layer with an absorber/decoupler to achieve much greater isolation than would be achieved with a layer of insulation alone.



NOISE BARRIER CEILING TILE COVERS ENSURE SPEECH PRIVACY IN:

- Conference rooms
- President / CEO offices
- Human Resource offices
- Doctors' offices
- Counseling areas

ANC-CB22 COVERS ARE

Die cut to various sizes:

24" x 24" and 24" x 48" to lay on top of standard ceiling tiles or 30" x 30" and 30" x 54" with diagonal slits in the corners to lay on top of light fixtures

- Easy to install
- Allow access to the plenum area

PRODUCT DATA: ANC-CB22

Description ANC-CB22 combines a flexible 1-lb psf loaded vinyl noise barrier with a 1" fiberglass decoupler to enhance its acoustic performance by raising the barrier above the t-grid system for a gap free installation.

Nominal thickness	1.00"
Standard sizes	24" x 24", 24" x 48", or 30" x 54"
Weight	1.2 LB psf

ACOUSTICAL PERFORMANCE:

OCTAVEBAND FREQUENCIES (HZ)							
Product	125	250	500	1000	2000	4000	TC
ANC-CB221	1	16.2	4	30.3	5	35.2	7

Per ASTM E-90