

CONTROLLING NOISE IN EVERY ENVIRONMENT

## CEILING NOISE BARRIER 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

- Self-noise created by changes in air velocity, elbows and dampers
- Water Hammer
- Moaning and shrieking caused by high pressure flow through valves and orifices
- Improperly strapped down pipes which cause thumping, rattling, and squeaking

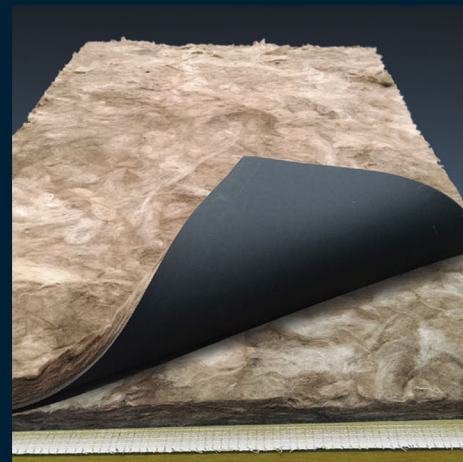
ANC-CB22 Model 1 features a flexible 1 lb/sq ft loaded vinyl noise barrier sandwiched between two layers of 1" fiberglass for maximum acoustical performance with Class A flammability ratings for use in any building.



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.

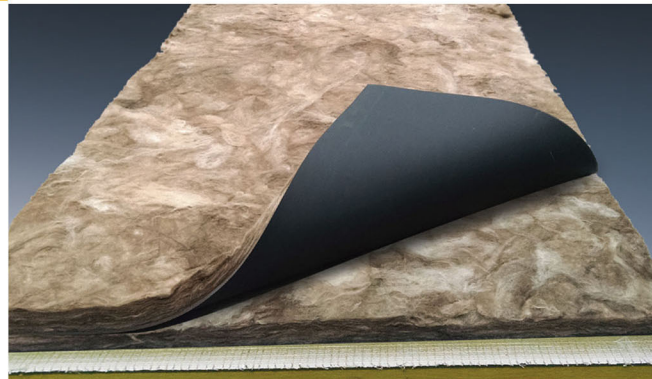


# CEILING NOISE BARRIER TILE COVERS ENSURE

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 Ceiling Noise Barrier 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:

PRODUCT	OCTAVE BAND FREQUENCIES (HZ)						STC
	125	250	500	1000	2000	4000	
ANC-CB22 Barrier	18	18	23	30	39	46	29

## ASTM C 423

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