



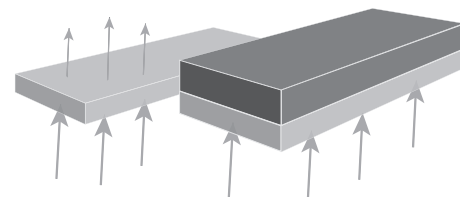
QuietTile

NOISE CONTROL CEILING TILE SYSTEM

WHEN WALLS DON'T EXTEND TO THE DECK, QUIETTILE COMPOSITE-CEILING TILES ARE SPECIFICALLY DESIGNED TO CONTROL NOISE BETWEEN SPACES. QUIETTILE PROVIDES HIGH CAC RATINGS 49-51. DESIGNERS CAN SELECT FROM ANY READILY AVAILABLE LAY-IN CEILING TILES.

QuietTile uses additional mass and sound damping to produce a composite ceiling tile designed to reduce sound transmission through a lay-in ceiling. QuietTile sound control ceilings are installed in a standard ceiling grid and can be selected to match most acoustical ceiling tiles. Kinetics bonds the composite viscoelastic damping layer and gypsum board to the back of any standard ceiling tile selected by the designer.

QuietTile composite lay-in panels can be designed for a reveal 9/16" (narrow) grid or 15/16" standard grid. Tested and proven to provide the highest reduction of sound transmission in the industry. Achieve sound control and speech privacy in a lay-in ceiling system where conventional ceiling tiles fail.



Traditional Tile

QuietTile

QuietTile / Noise Control Ceiling Tile System

DESCRIPTION

- Composite ceiling tile designed for improved sound transmission loss
- Tiles are available in nominal 24" x 24" and 24" x 48" sizes

FIRE TEST DATA

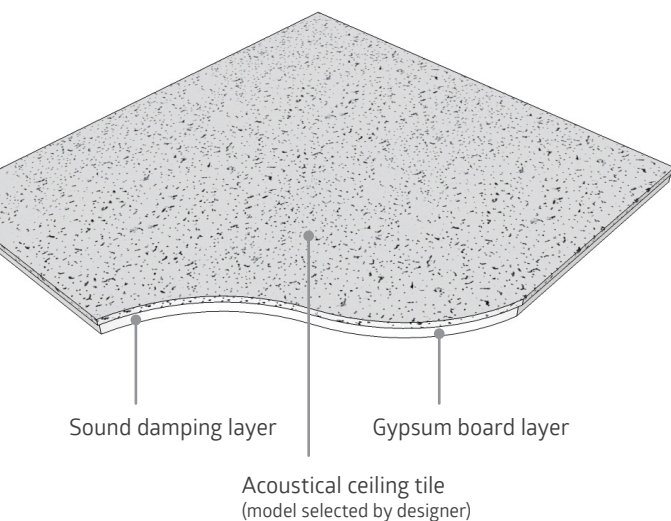
Class A per ASTM E84

ACOUSTICAL PERFORMANCE

- Ceiling Attenuation Class (CAC), QuietTile tested with Armstrong Cortega mineral fiber facing tile - CAC 49.
- QuietTile with optional 1-inch (25 mm), 3 pcf fiberglass backer with Armstrong Cortega mineral fiber facing tile - CAC 51.
- QuietTile tested with Armstrong Cortega mineral fiber facing tile - NRC 0.60

COMPOSITION

- Gypsum board
- Viscoelastic sound damping layer
- Ceiling tile face - can be provided to match existing ceiling tile



INSTALLATION

- The approximate weight of QuietTile without a facing tile is 10 pounds for a 2' x 2' tile and 21 pounds for a 2' x 4' tile. Add the weight of the selected face tile and select the appropriate ceiling suspension system.
- Field notching of the backing layer may be required at tie wire locations depending on overall thickness of finish tile selected.

LIGHTHOOD FIXTURE COVER

Light fixtures are constructed using low mass steel and create a noise "gap" in a ceiling. QuietTile LightHood prevents unwanted reverberation from making it through the noise "gap" by simply laying over the light fixture. QuietTile LightHood options are both versatile and flexible, making installation and field customization painless. The material can also be easily cut for electrical wire and aircraft cable routing. LightHood is Class "A" and Plenum Rated per ASTM E84-20.

Note: for proper sound transmission reduction between partitions and above the ceiling full room coverage is typically required.

