

PRIVACYSHIELD[®] CEILING TILE BARRIER DATA SHEET

DESCRIPTION

The PrivacyShield[®] Ceiling Tile Barrier is installed over existing ceiling tiles in a suspended ceiling grid. These mass loaded ceiling tile backers reduce the amount of sound and noise that is able to enter and exit the ceiling plenum.

Ceiling tile barrier backers can be installed in both new and existing spaces to reduce the amount of sound transmitted from one space to the next. These are used when wall partitions do not extend up above the ceiling grid to the roof deck and offer an economical alternative to building full partition walls.

APPLICATIONS

- Speech Privacy and Noise Reduction in Private Offices, Conference Rooms, HR Departments, Legal Departments, and Medical Facilities
- Noise due to roof top units, HVAC, and other equipment.

TECHNICAL INFORMATION

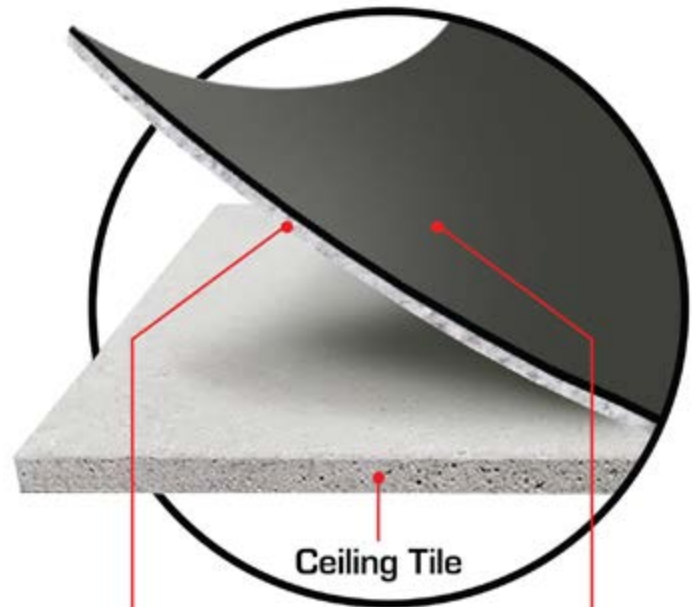
SIZE: 2'x2', 2'x4'

WEIGHT: 1.1 pounds per square foot

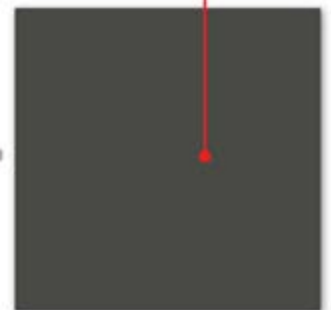
COMPOSITION: 0.12" inch (3.05 mm) woven polyester acoustic decouple facing adhered to a 0.12 inch (3.05 mm) mass loaded vinyl sound barrier with a 0.003 inch (0.08 mm) fire retardant fabric backing

FIRE RESISTANCE: Class A per ASTM E84 (UL 723)

MOUNTING: The PrivacyShield[®] Ceiling Tile Barrier is installed on top of the existing ceiling tiles throughout the entire room.



Polyester Decoupler
(faces the back of tile backer)



Loaded Vinyl

SOUND BLOCKING PERFORMANCE (PER ASTM E 90-09)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
17	18	22	28	33	39	27

