

PrivacyShield® Soundproofing Sound Barrier Ceiling Tiles



Description

PrivacyShield® Soundproofing Sound Barrier Ceiling Tiles are double-duty soundproofing ceiling tiles. They work for both lowering sound transmission as well as reducing reverberation. These ceiling tiles drop into existing T-bar suspended ceiling grid systems. Each tile consists of a 1" thick 6-pound density fiberglass covered with your choice of facings.

This fiberglass is also an excellent sound absorber, which has a NRC rating of 0.85. Attached to the back of the fiberglass is a layer of mass loaded vinyl with an aluminized facing. This aluminized facing adds a strong soundproofing material, STC rating of 26, which is not found in standard acoustical ceiling tiles. These sound barrier ceiling tiles are Class 1 fire-rated and come in standard sizes of 2' x 2' and 2' x 4' and standard thickness of 1".

Technical Characteristics

Size:	2' x 2' (actual: 23¾" x 23¾") 2' x 4' (actual: 23¾" x 47¾")
Thickness:	1⅛"
Construction:	6-7 lb / ft ³ fiberglass substrate with 1 lb / ft ² foil backed vinyl barrier and cloth facing
Finish:	White Pebble Grain Vinyl White Nubby Cloth Black Felt
Color:	White Black
Fire Rating:	Class 1 or A per ASTM E84
Weight:	1.6 lbs / ft ²
NRC / STC:	0.85 / 26

Features

- Improve acoustics
- Blocks sound
- Easy installation

Sound Absorbing Performance

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.14	0.27	0.80	1.11	1.14	1.14	0.85

Per ASTM C423

Sound Blocking Performance

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
13	17	22	26	32	37	26

Per ASTM E90

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