

PRIVACYSHIELD[®] HIGH CAC FOAM SOUNDPROOFING CEILING TILE DATA SHEET



DESCRIPTION

PrivacyShield[®] High CAC Foam Soundproofing Ceiling Tile provides you with a high-performance ceiling tile for maximum sound absorption and noise blocking. The High CAC Ceiling Tile was developed to improve speech intelligibility by lowering room reverberation and preventing sound transmission. This dual function ceiling tile improves comfort and reduces noise for a range of applications using drop tile grid systems.

The absorptive properties of this ceiling tile reduce reverberation and sound reflections within the space. Additionally, interior demising walls often stop short of the roof deck, allowing sound to pass through the ceiling grid to an adjacent space. In tandem with the acoustic foam, The PrivacyShield[®] High CAC Foam Soundproofing Ceiling Tile utilizes a fire rated gypsum backer to provide a Ceiling Attenuation Class (CAC) of 45 to aid in blocking sound. This combination of materials makes our AlphaSorb[®] High CAC Ceiling Tile the perfect choice for just about any drop tile grid application.

TECHNICAL CHARACTERISTICS

SIZE: 23-3/4" x 23-3/4"

THICKNESS: 2-1/4"

MATERIALS: Open-cell melamine-based foam

FIRE RESISTANCE: Class 1 or A per ASTM E 84

COLORS: Natural White, Natural Grey,
Coated with non-bridging paint

NRC: 0.85

SOUND ABSORBING PERFORMANCE (TYPE E-400 MOUNT)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.38	0.47	0.97	1.02	0.98	1.03	0.85

SOUND BLOCKING CEILING ATTENUATION CLASS (CAC)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	CAC
27.74	29.79	46.09	50.60	55.54	52.69	45

