

AlphaSorb[®] High CAC Foam Ceiling Tile



TECHNICAL CHARACTERISTICS

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

THICKNESS: 2-1/4"

MATERIAL: Open-cell melamine based foam

COLORS: Natural Grey & White, Coated

FIRE RATING: Class 1 or A per ASTM E 84

DESCRIPTION

AlphaSorb[®] High CAC 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 prevent sound transmission. This dual function ceiling tiles 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 AlphaSorb[®] High CAC 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 grid application.

SOUND ABSORPTION						
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

