

## ALPHASORB<sup>®</sup> DROP-IN FOAM CEILING TILE DATA SHEET



### DESCRIPTION

Our AlphaSorb<sup>®</sup> Drop-In Foam Ceiling Tile is a high-efficiency sound absorbing tile for use in suspended ceiling grid systems to reduce ambient noise. The fiber-free core of this ceiling tile reduces reverberation times and excessive echoes that impair proper speech intelligibility. As the sound waves strike the ceiling, the open-celled melamine acoustic foam core absorbs both direct and early reflections. At only two inches thick, our Drop-In Foam Ceiling Tile achieves a Noise Reduction Coefficient (NRC) of 1.00. This essentially equates to 100% sound absorption in the speech frequencies when mounting in a ceiling grid (Type E400).

From an aesthetics standpoint, our AlphaSorb<sup>®</sup> Drop-In Foam Ceiling Tile provides architects with an exceptional acoustic material, without comprising creativity. Our ceiling tiles are the natural choice to combine contemporary styling with exceptional sound absorption. The design of the tile incorporates a rabbited edge to ensure the ceiling tile is flush to the grid. These are the perfect solution and easy to install into standard 9/16" or 15/16" drop tile suspended ceiling grid systems.

### TECHNICAL CHARACTERISTICS

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

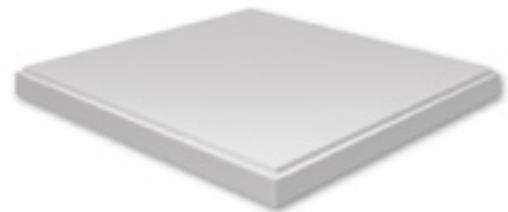
**THICKNESS:** 2"

**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:** 1.00



### SOUND ABSORBING PERFORMANCE

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.83	0.94	0.91	1.10	1.09	1.13	1.00

