

AlphaPerf® Metal Cloud



Description

The AlphaPerf® Metal Cloud is used primarily as sound absorber in noisy environments such as gymnasiums, swimming pools, pump rooms and industrial fabrication work areas.

These acoustical cloud panels consist of a corrugated metal skin with an encapsulated acoustical insulated material. The corrugated metal skin allows sound waves to enter the sound absorbing material where the sound waves are then turned to energy.

Features

- Elegant aesthetic
- Variety of sizes and colors
- Reduce reverberation and echo
- Impact Resistance
- Improves speech intelligibility

Technical Characteristics

Width:	18", 24", 30"
Height:	12" up to 144" (Flat) 12" up to 126" (V-Groove)
Thickness:	2", 4"
Construction:	22 Gauge perforated galvanized steel with acoustic fill encapsulated in black heat sealed polywrap
Pattern:	Flat or V-Groove
Finish:	Selection of RAL powder coated colors
Mounting:	Flush or Stand-off. Various configurations available.
NRC:	up to 1.25
Fire Resistance:	Class 1 per ASTM E 84



Revised: 2025-04-30

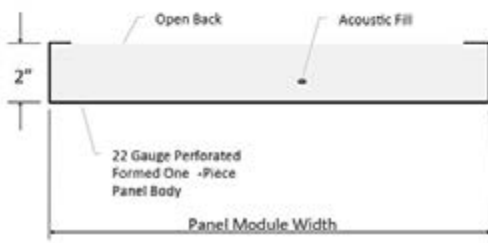
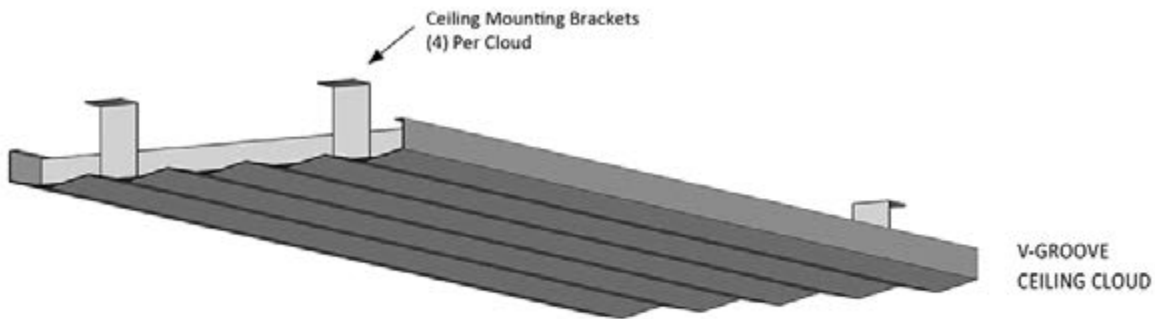
AlphaPerf® Metal Cloud

Sound Absorbing Performance

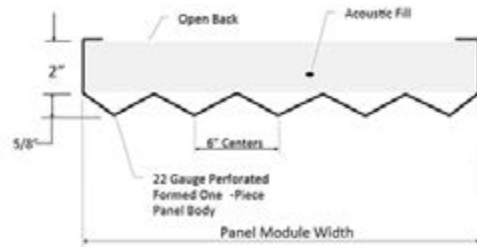
Pattern	Mount	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Flat	Cloud	0.41	0.92	1.31	1.23	1.25	1.32	1.18
V-Groove	Cloud	0.56	1.11	1.33	1.31	1.31	1.23	1.25

2" Nominal Thickness, Fill Unwrapped

PRODUCT DETAILS



FLAT CLOUD



V-GROOVE CLOUD

Revised: 2025-04-30