

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.

TECHNICAL CHARACTERISTICS

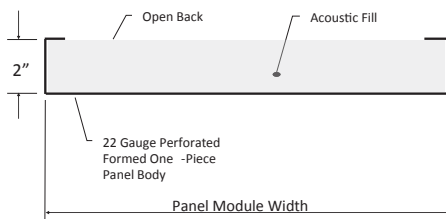
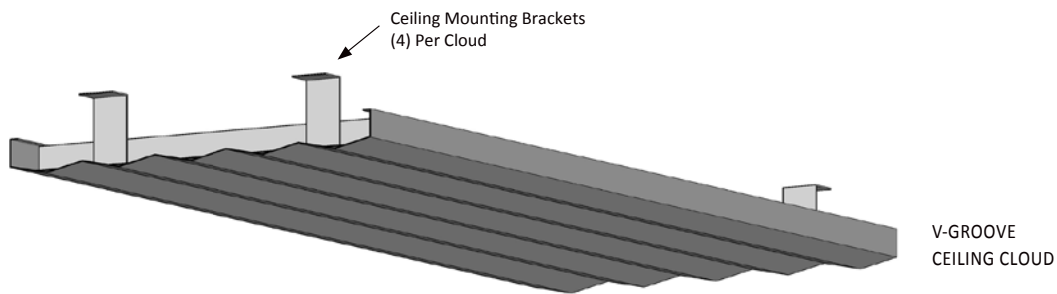
- WIDTH:** 18", 24", & 30"
- HEIGHT:** 12" up to 144" (Flat)
12" up to 126" (V-Groove)
- THICKNESS:** 2" & 4"
- CONSTRUCTION:** 22 Gauge perforated galvanized steel with acoustic fill encapsulated in black heat sealed polywrap
- PATTERN:** Flat or V-Groove
- FINISH:** Selection of RAL powder coated colors
- MOUNTING:** Flush or Stand-off. Various configurations available.
- NRC:** up to 1.25
- FIRE RESISTANCE:** Class 1 per ASTM E 84



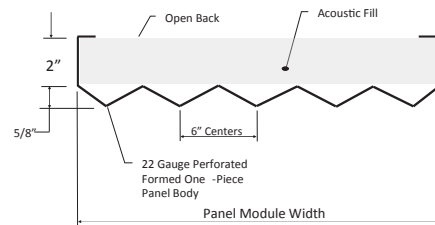
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SOUND ABSORPTION (Hz)								
2" nominal thickness, fill unwrapped								
Pattern	Mount	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Flat	Cloud	0.41	0.92	1.31	1.23	1.25	1.32	1.18
V-Groove	Cloud	0.56	1.11	1.33	1.31	1.31	1.23	1.25

PRODUCT DETAILS



FLAT CLOUD



V-GROOVE CLOUD

