DEFLECTION.CA

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CATEGORY: ACOUSTICS

ACOUSTIC PANEL

Galvanized steel panel with rock wool fill

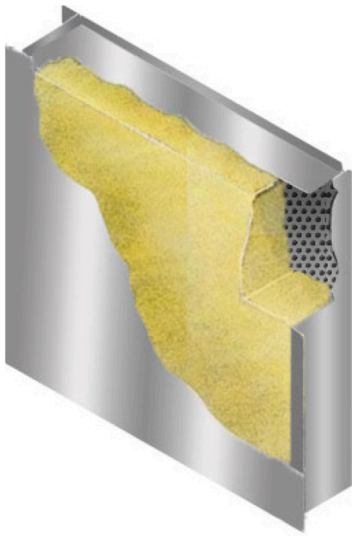
NRC 1.0 Noise reduction coefficient	**STC 43** Sound transmission class	**Quebec** Made in Quebec, Canada

DESCRIPTION

Acoustic panel with a galvanized steel outer wall, a perforated metal inner wall and a rock wool core. Built to your specifications and made in Quebec.

CHARACTERISTICS

Characteristic	Value
External wall material	Galvanized steel
External wall thickness	18 gauge
Internal wall type	Perforated metal
Internal wall thickness	22 gauge
Acoustic media	Rock wool
Media density	2.8 lb/ft³
Protective film	None
Internal reinforcements	16 gauge “C” reinforcements
Reinforcement spacing	18 in



Cutaway view of the panel.

DIMENSIONS AND PERFORMANCE

Item	Value
Available thickness	2 in or 4 in
Size	Per specifications
NRC	1.0
STC	43
Deflection	Zero under 10 in of water

ACOUSTIC PERFORMANCE

Octave band centre (Hz)	125	250	500	1K	2K	4K
Absorption coefficient	0.98	1.10	1.06	0.96	0.95	0.74
Transmission loss (TL)	24	32	44	55	57	64

Note: Research and development is an ongoing process. As improvements are made, specifications and dimensions may change without notice. Dimensional tolerances conform to international standards.

DEFLECTION · Acoustics & vibration isolation
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