

INDUSTRIAL



QUIETPERF® ABSORPTION PANELS



NOISE BARRIERS



QuietPerf[®]

ABSORPTION PANELS

Control reverberation and reduce noise with our durable perforated metal acoustic panels

Precision Acoustics, Engineered Excellence

Crafted from durable perforated metal, experience controlled reverberation, reduced noise, and excellence in acoustic performance for any environment.

- Crafted from robust perforated metal, ensuring longevity and reliability in demanding industrial environments.
- Create balanced and comfortable spaces by efficiently absorbing sound waves.
- Sleek and sturdy panels provide a contemporary look while withstanding the rigors of industrial use.
- Suitable for walls and ceilings, install vertically or horizontally, both indoors and outdoors.

FEATURES AND OPTIONS

- 16 gauge “Z”, “J” and “Hat” channel mounting systems
- Polyester powder-coating available in all RAL colors
- High abuse resistance for harsh environments
- Custom sizes and configurations are available

STANDARD PANEL SIZES

- NB-II, 2” thick x 18” wide x up to 144” long
- NB-III, 3” thick x 16” wide x up to 144” long
- NB-IV, 4” thick x 14” wide x up to 144” long
- NB-II “V” groove, 2-1/2” thick x 30” wide x up to 144” long

INSTALLATION OPTIONS

- Wall or Ceiling
- Vertical or Horizontal
- Interior or Exterior Capabilities

INDUSTRIAL APPLICATIONS

- Manufacturing Facilities
- Power Plants
- Loading Docks
- Mechanical Rooms
- Transportation





Acoustical Performance Data

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
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Sound Absorption Coefficients

NB-II Aluminum (2")	0.27	0.63	1.09	1.06	1.04	1.03	0.95
NB-II (2")	0.25	0.65	1.06	1.13	1.11	1.06	1.05
NB-II-B (2")	0.35	0.63	1.08	1.12	0.94	0.77	0.95
NB-II (2-1/2" V-RIDGE)	0.46	0.88	1.36	1.20	1.03	0.83	1.10

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
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Absorption Panels

NB-IV Aluminum (4")	0.87	1.26	1.18	1.04	1.08	1.00	1.15
NB-IV (4")	0.88	1.16	1.34	1.25	1.20	1.13	1.25
NB-IV-B (4")	0.78	1.10	1.19	1.04	1.02	0.81	1.10
NB-III (3" STEEL)	0.13	0.91	1.15	1.07	0.99	0.99	1.05

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility. The test method Conforms with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C423-90a and E795-00

