

ARCHITECTURAL



QUIETPERF® ABSORPTION PANELS



NOISE BARRIERS



# QuietPerf<sup>®</sup>

## ABSORPTION PANELS

Durable perforated metal acoustic panels designed to control reverberation and reduce noise

### Precision Acoustics, Effortless Elegance

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

- Sleek and robust, these panels are built to last and provide a modern aesthetic.
- Tame echoes with panels designed to absorb soundwaves, creating balanced and comfortable spaces.
- Flexible installation on walls and ceilings, vertically or horizontally; suitable for interior and exterior applications.
- Meticulously engineered for optimal acoustic performance, striking the perfect balance between functionality and aesthetics.





## INSTALLATION OPTIONS

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

## 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

## 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

## ARCHITECTURAL APPLICATIONS

- Schools
- Community Centers
- Music Studios
- Convention Centers
- Theaters/Concert Halls
- Treatment Facilities





## Acoustical Performance Data

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

