QuietLine™

TRANSPORTATION

When acoustic performance is a requirement, QuietLine™ Barrier Walls are the answer.

NOISE BARRIERS

QuietLine™

TRANSPORTATION

Barrier Wall Systems:

Absorptive noise control barriers provide maximum noise reduction with lightweight modular panels and/or louvers. The noise barrier system is easy to install and easy to relocate. Panels and louvers are constructed of galvanized steel or aluminum and finish painted in a weather and salt resistant polyester powder coating. The finish is also graffiti resistant and cleanable.

Acoustic Performance Data

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
Sound Transmission Loss Data, dB							
V-Stack Aluminum	14	20	31	42	40	52	33
V-Stack Steel	22	26	35	45	47	48	38
SL Barrier	18	26	35	45	49	52	37
H/P 38	24	25	33	43	50	55	38
H/P 42	23	31	40	49	56	62	42
H/H 50	26	44	50	54	57	64	50
H/H 52	37	43	47	53	54	57	52

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility.
The test method conforms with ASTM Designations E90-99 or E90-02 and E413-87.

Sound Absorption Coefficients

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	NRC	
Barrier Panels:								
V-Stack Aluminum	0.89	1.23	1.18	1.08	1.06	0.95	0.95	(1.15)
V-Stack Steel	0.86	1.20	1.17	1.07	1.08	1.02	0.95	(1.15)
SL Barrier	0.92	1.15	1.22	1.13	1.08	1.04	0.95	(1.15)
H/P 42	0.68	1.06	1.12	1.08	1.03	0.98	0.95	(1.05)
2" thick Cladding Panels								
NB-II Aluminum	0.27	0.63	1.09	1.06	1.04	1.03	0.95	
NB-II	0.26	0.53	1.00	1.03	0.97	1.01	0.90	
NB-II-B	0.35	0.63	1.08	1.12	0.94	0.77	0.95	
NB-SII-B	0.47	0.65	0.96	1.03	0.94	0.76	0.90	
4" thick Cladding Panels								
NB-II Aluminum	0.87	1.26	1.18	1.04	1.08	1.00	0.95	
NB-IV	0.78	1.10	1.19	1.04	1.02	0.81	0.95	(1.10)
NB-IV-B	0.70	1.08	1.15	1.05	1.05	1.01	0.95	(1.10)
NB-SIV-B	0.95	0.83	0.96	0.98	0.99	0.79	0.95	

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.

Free-Standing or Elevated Panel Construction

- Allows for maximum flexibility of design and utility on the ground or on the rooftop
- One– or two-sided sound absorption
- Steel or aluminum construction
- Perfect for retrofit installation to solve existing noise problems
- Low-weight construction ideal for roof or bridge mounted applications
- Designed to withstand high wind loads

All-Weather Applications

- Barrier modules are designed and built to minimize water invasion
- Panels resist “wicking” moisture through the bottom and are self-draining
- Exterior finishes resist harsh cleaners, common chemicals and salt exposure
- Polyester powder coating

Features:

- Lightweight
- Durable
- Galvanized, aluminum, or stainless steel
- Two, four, or five-inch thicknesses
- Easy installation and removal
- Horizontal or vertical installation
- Self-draining
- Maximum acoustical performance
- All products independently tested
- (STC 37 & above, NRC 0.95 & above)
- 10 year warranty
- Weather resistant
- Graffiti resistant
- Unlimited color selection

he Bottom Line:

Our Noise Control Barriers start performing the moment they arrive on the job site. Get in touch with us today to discuss your QuietLine Barrier needs.

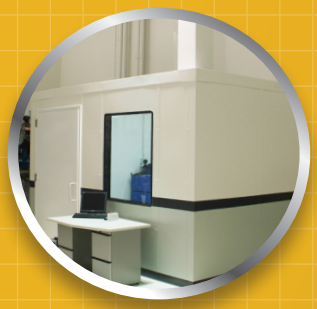
NOISE BARRIERS

Have other sound control needs?

Below are some of our other product lines

QuietMod™

INDUSTRIAL MODULAR ROOMS



QuietPerf™

ABSORPTIVE PANEL SYSTEMS

QuietSlide™

HEAVY DUTY SLIDING
VERTICAL LIFT & HORIZONTAL

NOISE BARRIERS

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