

Acoustic Curtains Heavy Duty Outdoor

Can be used for both active Construction Sites and for many different Community Noise situations

Our Outdoor Sound Curtains can be used for both active Construction Sites and for many different Community Noise situations. They can be used in conjunction with a chain link fence to surround a noisy area or to line a noisy building, and at IES-2000, we can design a solution to meet your design specifications. The barrier-backed configuration offers the benefits of both sound absorption and noise barrier products in one on outdoor applications. A cost saving non-reinforced 1-LB psf loaded vinyl barrier is bonded to a 2" thick exterior grade vinyl-coated-polyester faced quilted fiberglass absorber. These economic modular sound curtains are typically constructed with grommets across the top and bottom and exterior grade Velcro seals along the vertical edges.

Construction Site Products:

Industrial composite products can be used to reduce the noise transmitting from the construction site to surrounding areas. They can be used in conjunction with pre-cast concrete highway barriers, hung from an overhead highway or supplied with a "hoistable" frame to quiet jack hammer operations. Alternately, Industrial Quilted Fiberglass Absorbers can be attached to temporary plywood walls.

Community Noise Projects:

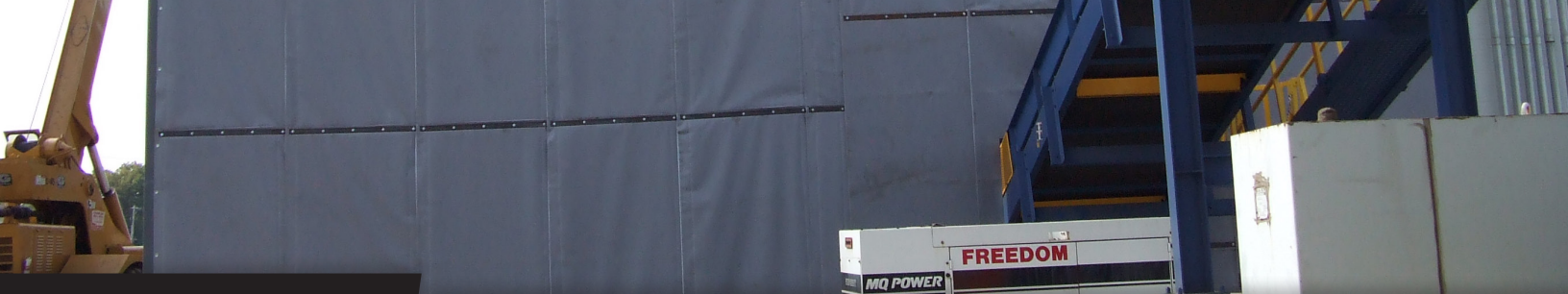
Industrial noise control products have been used to reduce community noise from gas compressor stations, truck distribution centers, skateboard parks, amphitheaters, even commercial and residential air conditioners. Sound Seal has a full line of products that are designed to withstand the effect of UV rays to offer long term, outdoor noise control solutions.

Specifications:

- 2" VCP faced quilted fiberglass
- Bonded to a 1 LB/SF non-reinforced loaded vinyl barrier
- Available facing colors on quilt: gray, tan or black
- Barrier color: black
- Offered with a UV resistant facing
- Nominal thickness: 2.0"
- Temperature range -20° to +180° F
- Standard Panel" 54" Wide
- Weight: 1.45 lb sf
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- Standard Panel" 54" Wide
- Weight: 1.45 lb sf
- Modular panels designed to mate together
- Lower noise levels to neighborhoods
- Reusable and Easy to install
- STC Rating: 32 / NRC Rating: 0.85

Applications:

Typically used as an economic Sound Curtain on temporary construction projects, offering a 3-5 year life span. The exterior grade VCP facing is specifically formulated for outdoor applications. Composite products offer maximum noise reduction by both blocking and absorbing noise at job sites. Also available with a two-pound psf barrier or a one-inch thick quilted fiberglass absorber.



Acoustic Curtains

Heavy Duty Outdoor Sound Curtains

Acoustic Curtains - Heavy Duty Outdoor Sound Curtains Product Data

Sound Transmission Loss (dB) Octave and Center Frequencies (Hz) - ASTM E-90 & E 413

Product	125	250	500	1K	2K	4K	STC
BA-EXT-N-2"	13	20	29	40	50	55	32

Sound Absorption Data-Absorber Component Random Incident Sound Absorption - ASTM C 423

Product	Octave Band Center Frequencies (Hz)						
	125	250	500	1K	2K	4K	NRC
BA-EXT-N-2"	0.07	0.27	0.96	1.13	1.08	0.99	0.85

Sound Curtain Tech Data Sheets - Outdoor Temporary Applications:

BBC-13x2"	BBC-13X	BBC-13x-2LB-2"	BBC-EXT-N-2"	BBC-EXT-N
1# PSF	1# PSF	2# PSF	1# PSF	1# PSF
Reinforced	Reinforced	Reinforced	Reinforced	Reinforced
2" Thick	1" Thick	2" Thick	2" Thick	1" Thick
Vinyl Faced Quilted	Vinyl Faced Quilted	Vinyl Faced Quilted	Exterior Grade Quilted	Exterior Grade Quilted
STC 32	STC 27	STC 37	STC 32	STC 27
NRC .85	NRC .70	NRC .85	NRC .85	NRC .70

Sound Curtain Tech Data Sheets - Outdoor permanent Applications:

BBC-EXT-R-2"	BBC-EXT-R	BBC-EXT-R-2LB-2"	BBC-EXT-R-2LB	QFA-EXT-D-2"
1# PSF	1# PSF	2# PSF	2# PSF	2# PSF
Reinforced	Reinforced	Reinforced	Reinforced	Reinforced
2" Thick	1" Thick	2" Thick	1" Thick	2" Thick
Exterior Grade Quilted	Exterior Grade Quilted	Exterior Grade Quilted	Exterior Grade Quilted	Exterior Grade Quilted
Gore Tenara Thread	Gore Tenara Thread	Gore Tenara Thread	Gore Tenara Thread	Gore Tenara Thread
STC 33	STC 29	STC 38	STC 38	STC 21
NRC .75	NRC .65	NRC .75	NRC .65	NRC .75



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