

The benefits of our portable acoustic barriers



Echo Barrier leads the world in combating noise pollution with its modular system of portable acoustic barriers.

Echo Barrier is endorsed locally and internationally as the first choice for responsible operators who prioritize both performance and sustainability. Through the application of science and innovative, practical thinking, Echo Barrier has radically transformed the options now available for controlling noise with unbeatable all-round performance.

Echo Barrier's ongoing design and development is guided by a commitment to provide viable and realistic solutions that directly benefit the workforce, our communities, and the environment.

Benefits

Market-leading acoustic performance

The Echo Barrier was developed to make noise management simple, fast, and highly effective, providing the same acoustic performance as traditional 'blankets' twice the weight. The innovative sound absorbing composite is designed to enhance project efficiency, facilitating compliance, longer working hours, fewer complaints, and a company image of proactivity, achieving noise reductions of 10 to 32 dB in the field.

Easy setup and mobility

Echo Barriers are durable and lightweight—less than 12 lbs per panel. They are quick and easy to hang and dismount, with a unique self-locking roll-up system for one-person handling and site mobility. In between projects, they can be pressure washed and stacked for easy transport and storage, ready for the next project.

Various installation methods and applications

Echo Barriers are easily installed onto standard fencing, scaffolding, wood boards, or any existing structure that can bear an increased load. They are attached using cable ties or purpose-designed hook, flexi-ties and security cable accessories. The heavy-duty grommets on the barriers enable a secure and flexible connection for all height and width configurations.

Exceptional durability and weather resistance

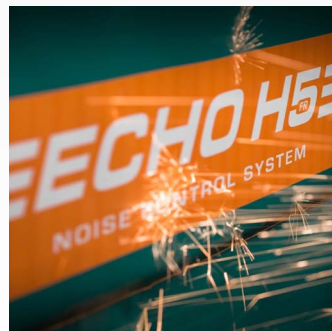
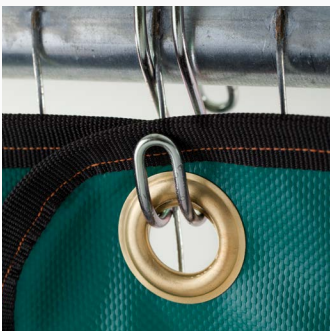
Echo Barrier is the most practical and cost-effective noise control system on the market. They are a 'quick-deploy' solution for an immediate short-term solution or for long-term projects. They are extremely rugged, with a PVC and mesh exterior specifically developed to withstand the handling and rigors of a construction site. Echo Barriers are completely weather resistant, do not retain dust or water, and do not degrade in acoustic performance or appearance.

Safety

Echo Barrier products are safe for both the environment and worker safety. They do not contain any hazardous materials such as Rockwool or fiberglass, nor are they susceptible to the formation of hazardous mold or mildew spores. All Echo Barrier panels have two nighttime reflector strips for added visibility.

Company image of environmental awareness

Our products reflect a conscientious corporate stance on workforce, community, and the environment. Echo Barrier is intelligent noise management developed to be cost effective with a professional image and sustainable business sense. Echo Barrier has been awarded a 5-star rating for our carbon footprint and adhering to the ISO 14001 Environmental Management Standard.



Key features

-  Superior acoustic performance (up to 43 dB reduction)
-  Lightweight (12 lb/5.5 kg) for easy one-person handling
-  Weatherproof/industrial durability
-  Unique roll-up design for compact storage and transportation
-  Quick deploy
-  Fire resistance (tested to ASTM E84)
-  Safe to handle/no fiberglass or Rockwool used
-  Tensile tested (5.85 kN vertical, 1.1 kN horizontal)
-  24-month manufacturer's warranty



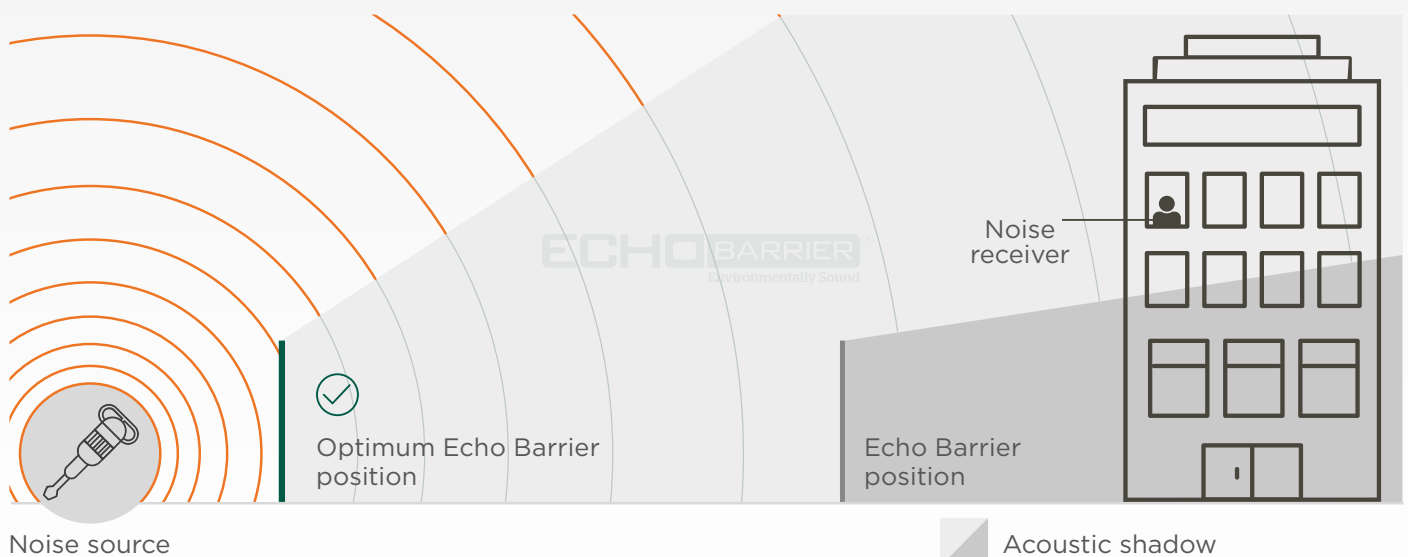
Technical data

Acoustic performance	
Lab	Up to 43 dB reduction
Field	10 to 32 dB reduction
Dimensions	
Height	6 ft 9 in (2050 mm)
Width	4 ft 5 in (1335 mm)
Rolled	1 ft 4 in diameter (400 mm), 4 ft 5 in wide (1335 mm)

All laboratory results and individual product specification sheets can be obtained on request from info@echobarrier.com

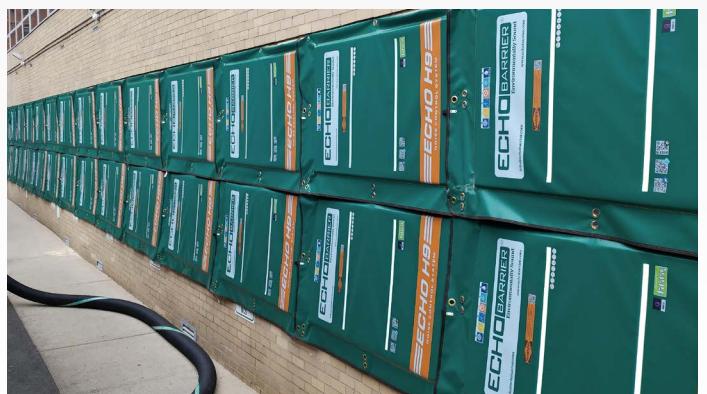
Effective installation

The lightweight Echo Barriers enable placement versatility along a jobsite's perimeter or directly in front of the noise source for optimum mitigation.



Construction

The Echo Barrier modular system of acoustic panels provides cost-effective, sustainable noise management for a multitude of construction project types, indoor and outdoor, short term and long term. They are versatile, easy to deploy, and reflect a professional, positive image of corporate responsibility towards the workforce, community, and environment.



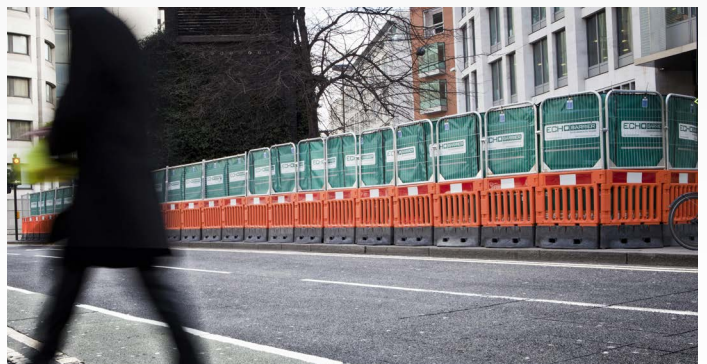
Generators and power sources

Noise produced by generators, power sources, and other machinery is substantially mitigated effectively with Echo Barrier. The panels are lightweight, completely weather-resistant, and durable, not degrading in acoustic performance or appearance.



Road and rail

Echo Barrier has been an important part of rail and transport construction and maintenance projects for years. The system provides an innovative solution for the completion of time-constrained projects to budget and with minimal disruption to commuters and residents.



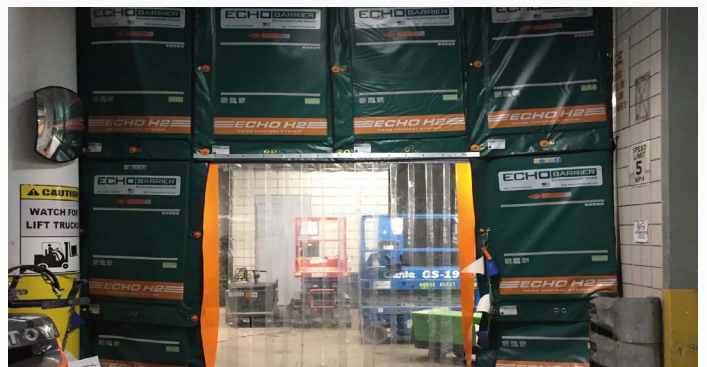
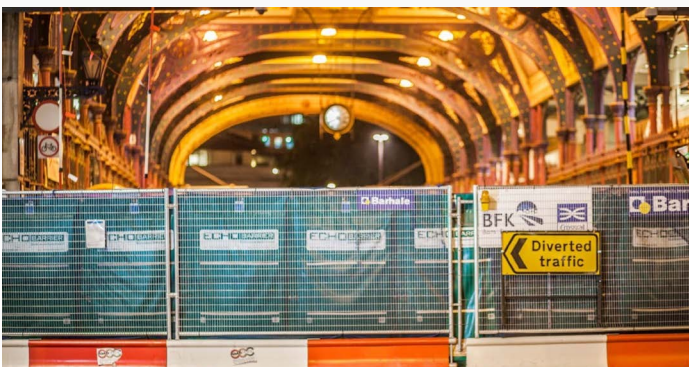
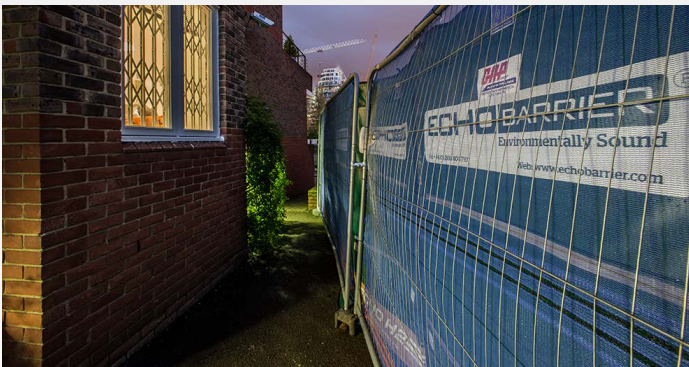
Oil and gas

Echo Barrier noise control solutions are utilized on oil and gas projects around the world. The barriers' versatility comprises easy and secure setup while helping to meet required mitigation, enabling extended work hours for on-time completion and proactive attention to worker well-being and surrounding communities.



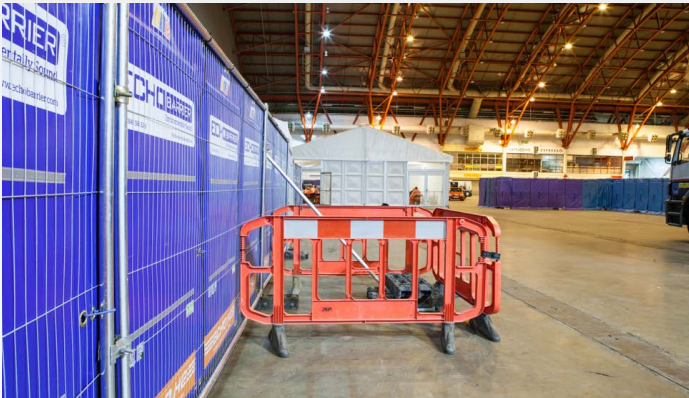
Refurbishments

Our Echo Barrier panels provide an effective and professional divide from noise, dust, and debris. They enable projects and operations to continue in a safe and sustainable working environment.



Outdoor and indoor events

At concerts, festivals, events, exhibitions, and trade shows, Echo Barrier creates an acoustic backdrop that effectively absorbs and reduces noise, preventing it from reaching the surrounding community. Noise is not reflected back to the performers, the audience, or into the surrounding environment.



Other applications

- Maintenance
- Equipment
- Pilling rigs
- Outdoor gun ranges
- Utility works
- Airports
- Heliports
- Hospitals
- Theaters
- Schools
- Sporting events

