



NOISE CONTROL SYSTEM



# EchoBarrier

Keeping the peace





# EchoBarrier

**Echo Barrier is an easy-to-install, easy-to-move and easy-to-store, cost-effective solution for all noise attenuation needs.** This acoustic absorption and attenuation system is highly durable, lightweight, waterproof, fire, chemical and dust resistant.

The system is currently used by firms in the construction, public transportation, mining, utilities, power generation, demolition and event industries, across five continents.



## Why Mitigate Noise?

**Compliance** — Meet all noise standards set by Federal, Regional and Local regulations and building codes.

**Win Business** — Noise reduction is fast becoming an intricate part of the tender application process.

**Reduce Costs** — Costly project suspensions and fines can now be avoided

**Reputation & Responsibility** — Minimise noise complaints from all stakeholders

**NOTE** — Most major companies understand the importance of corporate image and are proactive to their responsibilities to local residents, surrounding businesses and the environment. These companies will usually seek out a noise mitigation solution in advance of a project or event start up.



## What makes Echo Barrier so effective?



**Front outer layer** — Extremely durable, waterproof, high quality PVC, with optimum mass to ensure maximum noise reduction while retaining a professional appearance.



**Acoustic absorbent** — Highest grade acoustic absorbent made from bio-degradable recycled material, prevents noise reflecting off the barrier.



**Waterproof, breathable membrane** — Allows noise to be absorbed but keeps water out.



**Durable reinforced mesh** — Extends product life to retain acoustic performance in harsh working environments.





# EchoBarrier



## Easy to install, move and store

- **Quick and easy to install** onto any temporary mesh-fence panel, scaffolding or existing structure. 25% faster than other solutions using 50% of the man power. Zero training required.
- **To counter extreme noise, further attenuation can be achieved** by double or triple layering the barriers.
- **Patented modular design** allows barriers to be hung horizontally in multiple rows vertically from height.
- **Installation kits** ensure the barriers lock together safely.
- **Our unique roll-away system** ensures the barriers can be quickly disassembled and moved.

## Where is Noise Mitigation needed?





# EchoBarrier

## Specifications and Accessories



**Dimensions (installed)** — 80.7" x 52" (2.05m x 1.33m)

**Dimensions (stored)** — 15.7" x 52" (0.4m x 1.33m)

**Weight:**

H4 — 15.6 lb. (7.1 kg)

H5 — 14.1 lb. (6.4 kg)

H9 — 11.7 lb. (5.3 kg)

**Acoustic Performance:**

**Lab results** — Up to 38.5 dB

**Field results** — Up to 28 dB

*Barriers can be double- or triple-layered to increase performance*

**Materials:**

**Semi-permeable membrane** offers unparalleled noise absorption

**Custom PVC** provides exceptional durability

**Highly tuned acoustic infill** absorbs a wide range of frequencies

**Reflective strips** for night time visibility

**Warranty** — One-year material and workmanship warranty.



Reversible hooks for different fence types. Strong enough to hang multiple barriers at once.



Quickly secure barriers in place with out bungee-cord ties.



Vinyl covered multi-strand cable. Padlock your barriers securely overnight.



Vertical Fitting Kits to secure barriers over large spaces.



**Note:** a full range of Echo Barrier models is available to suit most any requirement. Contact Multiquip for additional information.

**Your Multiquip dealer is:**

Connect with us on

