

safesite[®]

F A C I L I T I E S

Echo Barrier H9 - SPEC SHEET

ECHO BARRIER[®]
Environmentally Sound



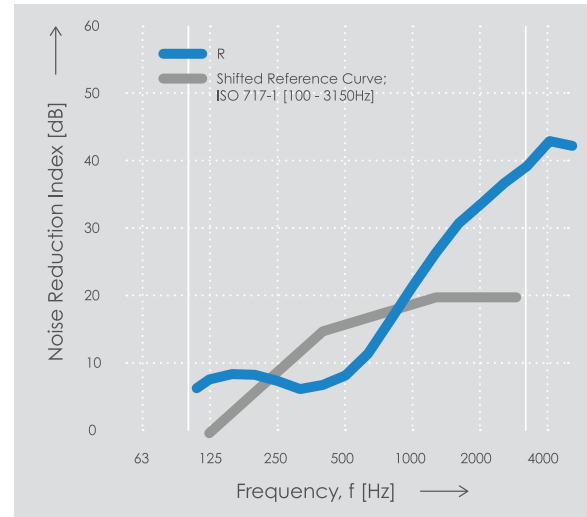
Echo H9 Acoustic Barrier

The Echo Barrier H9™ offers outstanding all-round performance, complementing exceptional noise absorption and reduction with portability, flexibility, durability and adaptability.

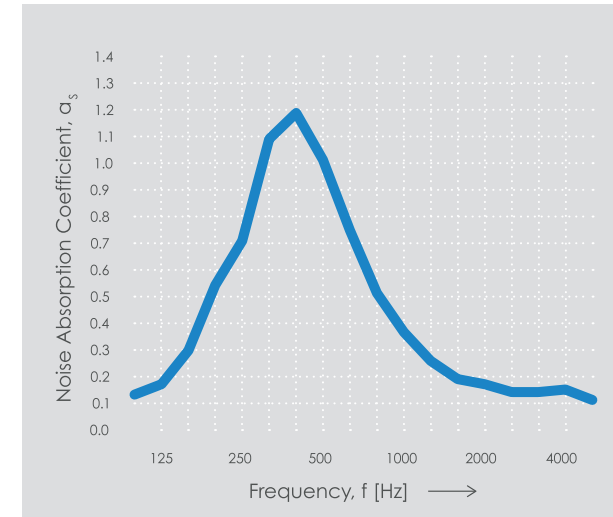
Impressively resistant to water and to extremes of temperature, the Echo Barrier H9™ rises to a multitude of challenges, such as those posed by humid environments and highly stringent fire regulations.

ASTM E84 tests for flame spread and smoke development indicate its suitability for projects subject to highly stringent fire regulations.

Two key test results to help you determine how effective the barrier is at cutting noise.



Noise Reduction



Noise Absorption



The Best Temporary Noise Control On The Market

The Echo H9 acoustic barrier is another premium product from the award-winning 'H' range of temporary noise reduction solutions.

The Echo H9 barriers only weigh 5.3kg each, which makes them extremely easy to hang on fences, hoardings and walls.

Despite the H9's lightweight structure the barrier has been scientifically developed to achieve a maximum lab tested noise reduction of 43dB.

H9 Acoustic Barrier Specifications

Max Noise Reduction (Lab Tested)	43 dB
Max Noise Absorption (Lab Tested)	100%
Height	2050 mm (6 ft 9 in)
Width	1335 mm (4 ft 5 in)
Rolled Dimensions	400 mm diameter (1 ft 4 in), 1335 mm (4 ft 5 in) wide
Weight	5.3 kg (11.7 lb)
Water resistant test standard	BSEN 60529:1992 IPX6 / IPX9
Fire resistant test standard	BS 7837-1996, ASTM E84
Dust resistant test standard	BSEN 60529-1992
Cold resistant test standard (result)	BSEN 60068/2/1:2007 (-40 Degrees)
Tensile test standard (result)	ISO 17025 (5.85 kN vertical, 1.1 kN horizontal)
UV resistant	3 years (USA + Canada), 5 years (rest of the world)
Safety features	Night-time reflective strips, hazard icons
Quick install	1 person in 30 seconds with installation kits, rollable
Installation kits	Yes
Anti-theft	Security cable, Data tag
Cleaning	Power wash
Identification code part number	Unique RFID number per each unit
Manufacturer's warranty	1 year
Colour Options	On request

What makes our acoustic barriers so effective



FRONT OUTER LAYER

Extremely durable, high-quality waterproof PVC, of optimum mass to achieve maximum noise mitigation, also offering an impressive visual finish.



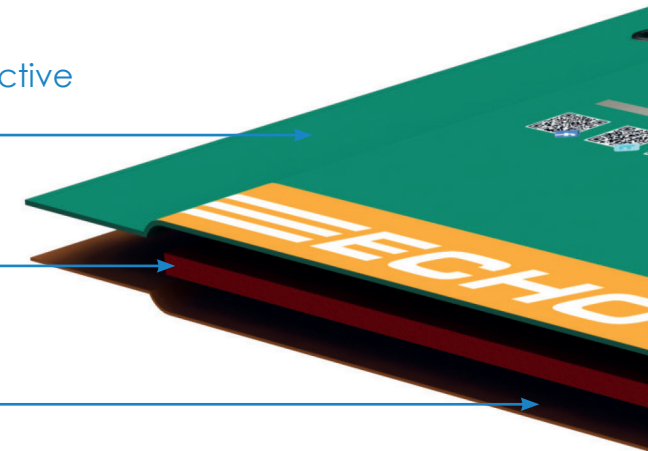
NOISE-ABSORBENT COMPOSITE

The heart of the panel: Echo Barrier's lightweight, but highly noise-absorbent composite.



WATERPROOF BREATHABLE MEMBRANE/MESH

The membrane/mesh lets in sound, so that it can be absorbed by the composite, but keeps water out.



Effective Installation

Position barriers closer to the noise source for maximum acoustic shadow

