

ECHO BARRIER[®]

Environmentally Sound

H9[™] Acoustic Barrier

Specifications



World-leading
temporary noise control

ECHO BARRIER[®]

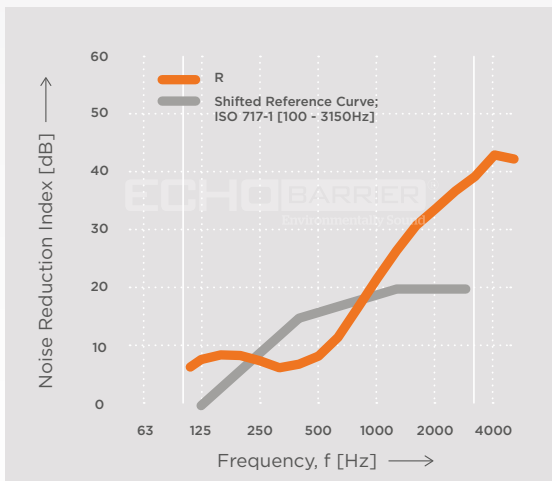
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H9[™] Acoustic Barrier

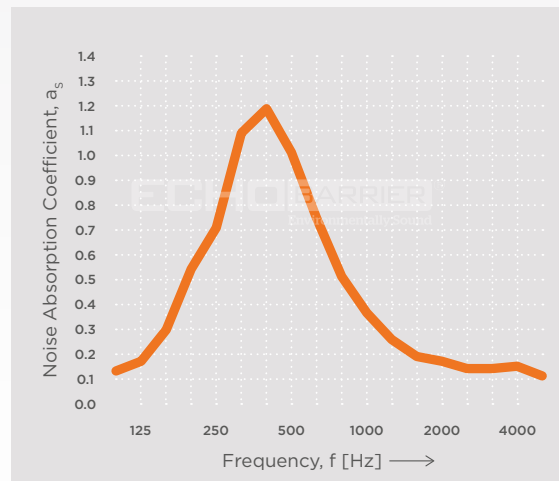
The Echo Barrier H9[™] offers outstanding all-round performance, complementing exceptional noise absorption and reduction with portability, durability, and versatility. Impressively resistant to water and to extremes of temperature, the Echo Barrier H9[™] rises to a multitude of challenges, such as those 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.



NOISE REDUCTION



NOISE ABSORPTION



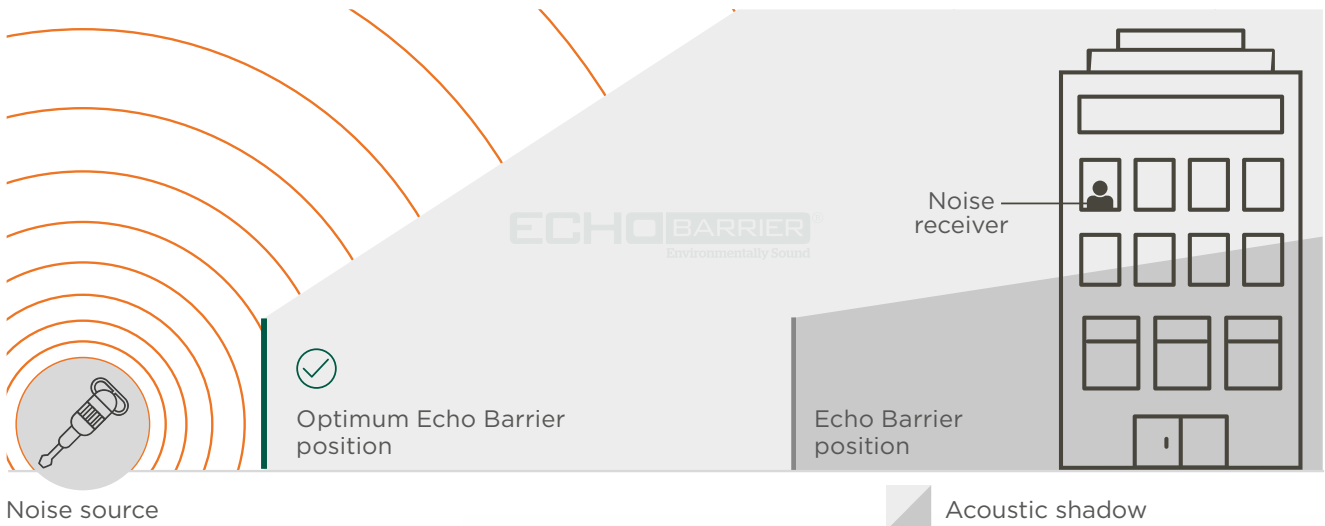
H9™ Acoustic Barrier specifications

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 (1 ft 4 in) diameter, 1335 mm (4 ft 5 in) wide
Weight	5.5 kg (12 lb)
Fire resistant test standard*	BS 7837-1996, ASTM E84, EN 13501-1:2018
Water resistant test standard*	BSEN 60529:1992 IPX6 / IPX9
Dust resistant test standard*	BSEN 60529:1992 IP4X / IP5X
Cold resistant test standard (result)*	BSEN 60068/2/1:2007 (-40 °C/F)
Tensile test standard (result)*	ISO 17025 (5.85 kN vertical, 1.1 kN horizontal)
UV resistant	Yes - material components have various levels of protection as per their data sheets. The Back membrane has UV resistance of Grade 4
Safety features	Two nighttime 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	2 years
Colour options	On request

* Full independent laboratory results can be obtained on request to 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.



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.

