

ECHO BARRIER[®]

Environmentally Sound

H10™ Acoustic Barrier

Specifications



World-leading noise control.

ECHO BARRIER[®]

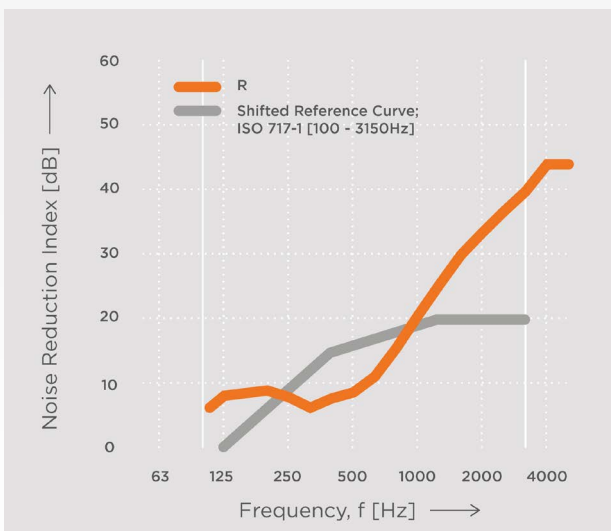
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H10™ Acoustic Barrier

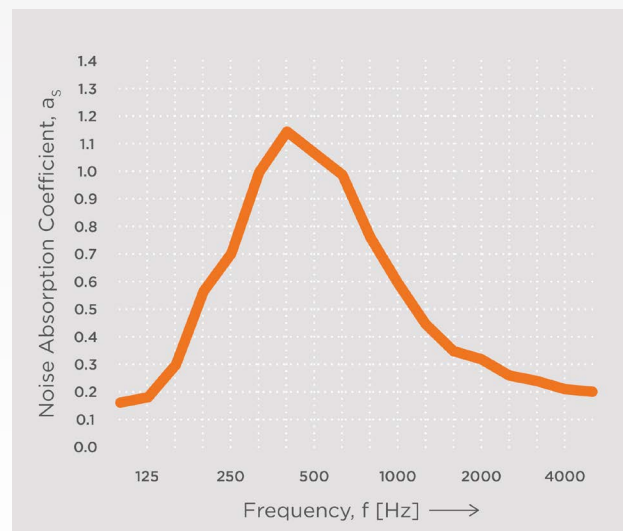
The Echo Barrier H10™ offers the ultimate in all-round performance, complementing exceptional noise absorption (100%) and unrivalled noise reduction (43.4dB) with portability, durability, and versatility. Impressively resistant to water and to extremes of temperature, the Echo Barrier H10™ rises to a multitude of challenges, such as those posed by rugged or humid environments. ASTM E84 tests for flame spread and smoke development indicate its suitability for projects subject to highly stringent fire regulations.



NOISE REDUCTION



NOISE ABSORPTION



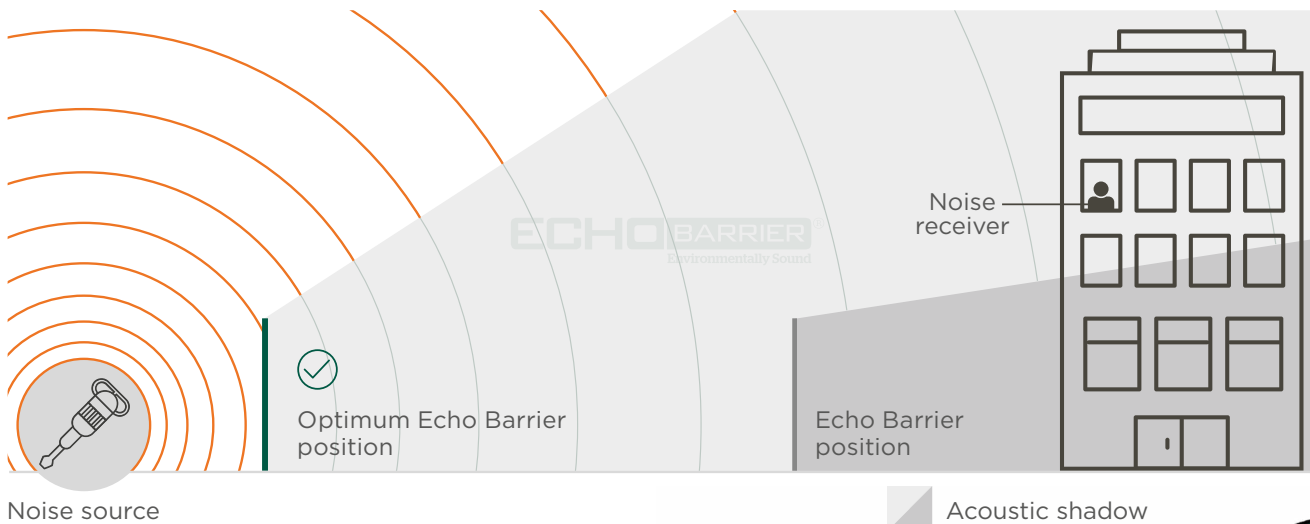
H10™ Acoustic Barrier

Max Noise Reduction (Lab Tested)*	43.4 dB
Max Noise Absorption (Lab Tested)*	100%
Height	6 ft 9 in (2050 mm)
Width	4 ft 5 in (1335 mm)
Rolled dimensions	1 ft 4 in (400 mm) diameter, 4 ft 5 in (1335 mm) wide
Weight	14 lb (6.3 kg)
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 °C/F)
Tensile test standard (result)*	ISO 17025 (5.52 kN vertical, 1.34 kN horizontal)
UV resistant	3 years (USA + Canada), 5 years (rest of the world)
Safety features	Two 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	2 years
Color 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. At certain frequencies it absorbs 100% of noise.



Waterproof breathable membrane

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



Durable reinforced mesh

The mesh protects the panel in tough working environments without compromising its acoustic performance.

