

ECHO BARRIER[®]

Environmentally Sound

H-EX[™] Extension

Specifications



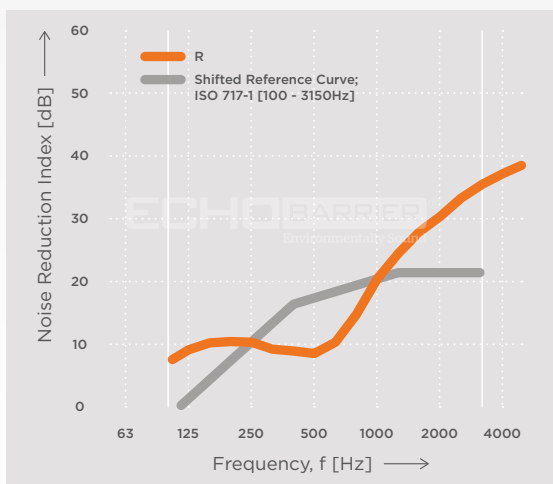
World-leading
noise control.

H-EX™ Extension

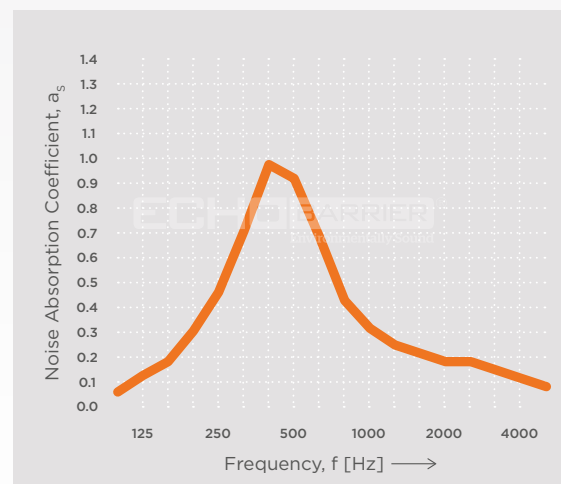
The H-EX™ extends the vertical reach of any H-Series Echo Barrier, increasing the area protected from noise, ideal for working alongside high-rise offices and apartments. The acoustic shadow cast by the barriers is raised by this Echo Barrier accessory, which is also useful for noise sources elevated from the ground, such as generators taller than 1.5m. The H-EX™ comprises a 3.5m long acoustic barrier segment mounted on a pre-galvanised steel frame. Supported by the 2 vertical tubes of standard 3.5m fencing panels, the frame tilts inwards to shield even more space above the noise source. Like all Echo Barrier products, the H-EX™ is quick and easy to install and offers exceptional noise reduction and absorption. It is water, fire, and temperature resistant, made using a recyclable acoustic infill, with all the durability of the products in the H-Series range.



NOISE REDUCTION



NOISE ABSORPTION



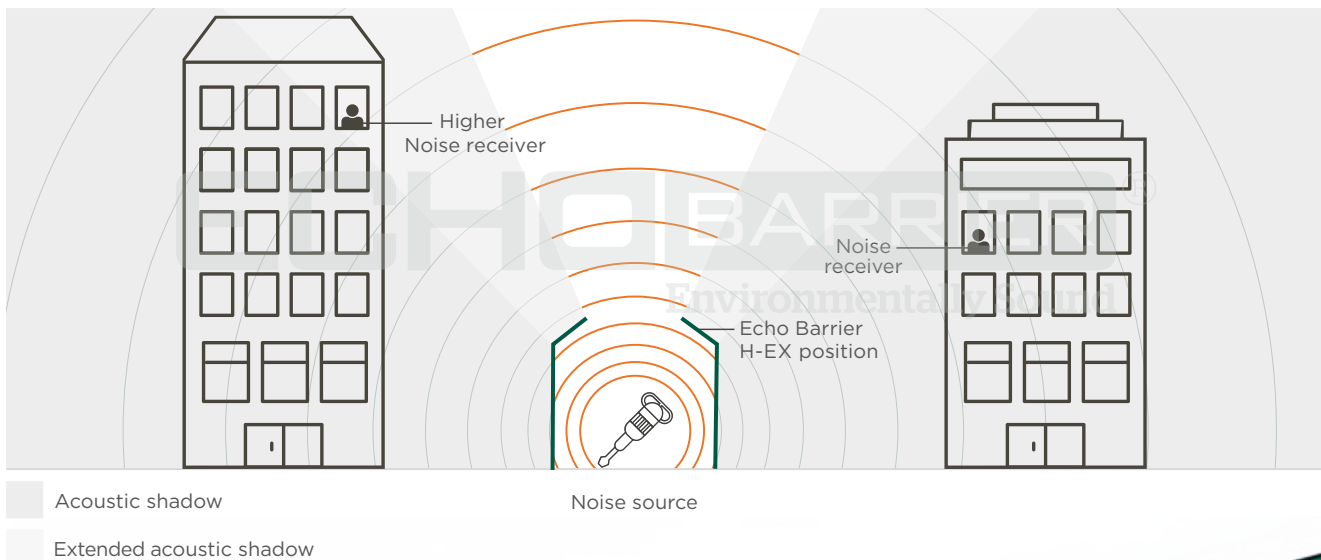
H-EX™ Extension specifications

Max Noise Reduction (Lab Tested)*	38.5 dB
Max Noise Absorption (Lab Tested)*	97%
Height (Inclined)	Frame = 502mm (1 ft 8 in), Mesh = 454mm (1 ft 6 in)
Width	3500mm (11 ft 6 in)
Weight	Frame component = 12 kg (26.5 lb) Acoustic component = 5.6 kg (12.3 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	Hazard icons, installation warning
Quick install	2 persons in 1 minute
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

* Full independent laboratory results can be obtained on request to info@echobarrier.com

Effective installation

Position barriers closer to the noise source for maximum acoustic shadow



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.

