

safesite

F A C I L I T I E S

Echo Barrier H4 - SPEC SHEET



Echo H4 Acoustic Barrier

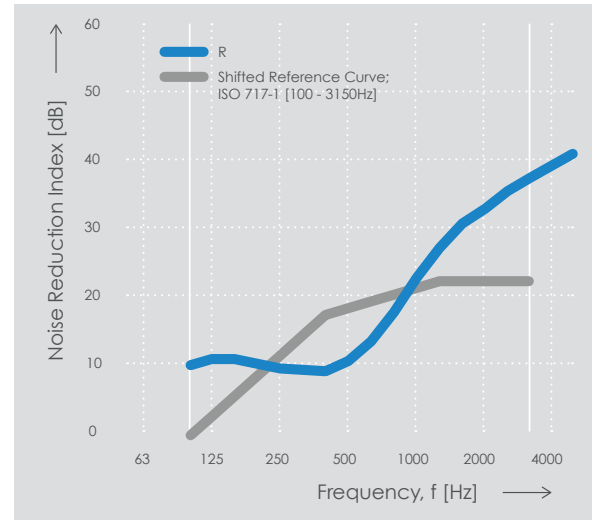
The Echo Barrier H4 is a temporary acoustic barrier that offers superior noise reduction and absorption.

It is water, fire and temperature resistant, lightweight, quick and easy to install, extremely durable and made using recycled biodegradable acoustic infill.

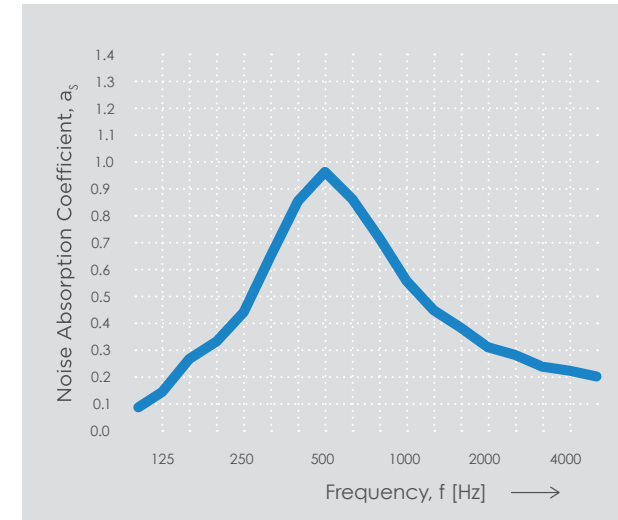
When it comes to absorbing sound at the most important frequency range, it's hard to beat the Echo H4.

Extensive testing proves that it's almost 100% absorbent at 500Hz, which gives exceptional noise reduction at your site.

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 H4 acoustic barrier is a premium product and an award-winning range of temporary noise reduction solutions.

H4 provides additional noise insulation and sound absorption, providing even greater protection for workers and communities against the effects of noise pollution.

And like our other products, the H4 is lightweight, and quick and easy to install.

The Echo H4 barriers weigh just 7kg each, and easily hang on fences, hoardings and walls. Thanks to their intelligent design features, they're 70% faster to install than other barriers.

The Echo H4 has been scientifically developed to achieve maximum noise reduction performance in all weathers.

It's waterproof, fire-resistant, and can stand up to sub-zero temperatures.

H4 Acoustic Barrier Specifications

Max Noise Reduction (Lab Tested)	40.8 dB
Max Noise Absorption (Lab Tested)	96%
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	7.1 kg (15.6 lb)
Water resistant test standard	BSEN 60529:1992 IPX9
Fire resistant test standard	BS 7837-1996
Dust resistant test standard	BSEN 60529-1992
Cold resistant test standard (result)	BSEN 60068/2/1:2007
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	Night-time reflective strips, hazard icons
Quick install	1 man assembly (installation kits), Rollable
Installation kits	Yes
Anti-theft	Security cable, Data tag
Cleaning	Power wash
Identification code part number	Unique RFID number per unit
Manufacturer's warranty	1 year
Colour Options	On request

Performs In Every Situation, Delivering Outstanding Results



FRONT OUTER LAYER

Extremely durable, waterproof, high quality PVC, with optimum mass to ensure maximum noise reduction whilst retaining a professional appearance.



ACOUSTIC ABSORBENT

Highest grade acoustic absorbent made from recycled material, prevents noise reflecting off the barrier (bio-degradable).



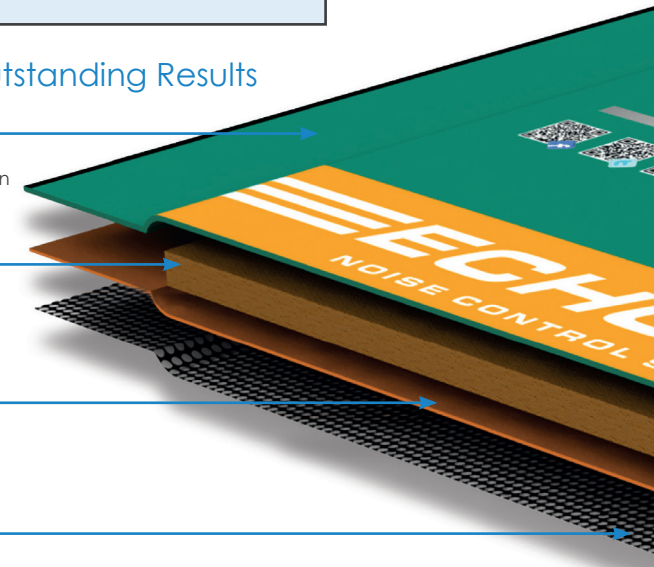
WATERPROOF BREATHABLE MEMBRANE

Allows noise to be absorbed but keeps water out.



DURABLE REINFORCED MESH

Extends product life to retain acoustic performance in harsh working environments.



Effective Installation

Position barriers closer to the noise source for maximum acoustic shadow

