

ECHOHUSH BASS TRAPS

acoustic foam bass traps

Echohush Bass Traps are acoustic foam absorbers made from combustion modified foam that are tuned to absorb lower frequencies.

The panels absorb low frequencies preventing them from reflecting back into the room thereby controlling standing waves, that can generate low frequency 'boomy' noise. Controlling reflected sound energy creates a better bass response in the room, offering a neutral audible environment making the panels a preferred choice in recording studios and home theatres.

Pyrotek have formulated and developed Echohush Bass Trap foams to outperform traditional acoustic foams by controlling the cell size, porosity, density and the flow resistivity throughout the cell structure.

Since low frequency pressure builds up along the boundaries of an enclosed space, pooling most in the corners of a room, the absorptive panels are designed for mounting in corners, where they are most effective.

They can also be used in conjunction with our other Echohush products, such as Profile, Baffles, Cosmo to list a few, to maximise broadband noise reduction while offering varying design and aesthetic options.

Echohush Bass traps reduce conflicting echo, improve sound quality and are suited to applications such as restaurants, bars and cafes.

A choice of multiple colours using a specialised coating process is offered that exhibit excellent UV resistance and durability.

SAMPLE COLOURS



Please visit our website pyroteknc.com to view our full range of Echohush products and gallery of colours.

DISCLAIMER: Electronic reproduction of colours can vary dramatically. We strongly advise that you view actual samples before final selection. Please contact your local Pyrotek representative for non standard colours.

Tip: Very light colours and whites should be avoided. Light colours can let the base foam colour show through the coating layer and may also be affected by UV rays.



applications

- Commercial: Boardrooms, Open plan offices, Call centres, etc.
- Public Areas: Schools, Churches, Community Centres, Function rooms, Museums etc.
- Hospitality: Cafes, Hotels, Bars, Restaurants, night clubs etc.
- Home: Home Theatre, Lounge Room, Music Rooms, Mixing Rooms, Studios etc.
- Specialist: Radio / TV Studios, Sound Recording Studios.

features

- Combustion modified - high flame retardant
- Foam meets UL94 fire ratings
- Effective absorption of low frequencies
- Coated panels exhibit excellent UV resistance
- Hydrolysis resistant - prevents foam rot
- Does not shed irritating fibres
- No ozone-depleting substances generated during manufacture
- Free from formaldehyde and phenolic resins
- Specialised custom coating offering surface protection and durability
- Decorative appearance combining acoustics and aesthetics to upscale any décor
- Easy installation - panels sit flush in wall corners on floors or are easily adhered in corners at ceilings
- Backing board available for adhering panels to adjacent walls offering flexibility to reposition product
- Choice of plain foam finish or one of our 21 modern, standard colour choices (See page 2.)



PRODUCT SPECIFICATIONS

Product code (see nomenclature)	Panel dimensions			Panels per box	Flammability properties	
	Thickness (mm)	Length (m)	Width (m)		UL94	FMVSS-302
Bass Traps BT300	175	0.6	0.3	4	HF-1	Self extinguishing
Bass Traps BT600	200	0.6	0.6	2		

NOMENCLATURE



HOW TO ORDER:

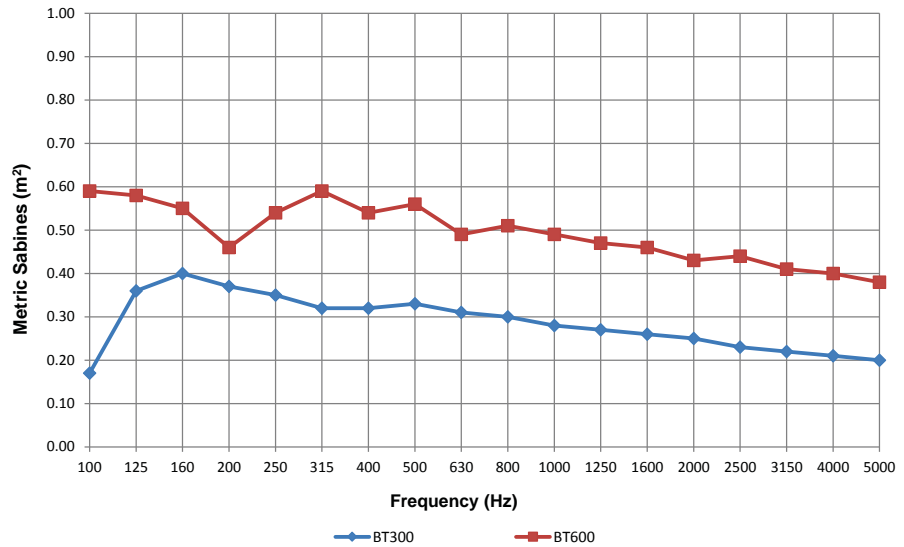
Refer Nomenclature key. To order product, specify the product code, followed by the colour name from our gallery in the place marked 'XXX'. For example, mention name 'Burgundy' or 'Sienna' from our gallery, or simply state 'Plain' when ordering plain foam panels.

ACOUSTIC PERFORMANCE

Frequency (Hz)	BT300	BT600
100	0.17	0.59
125	0.36	0.58
160	0.40	0.55
200	0.37	0.46
250	0.35	0.54
315	0.32	0.59
400	0.32	0.54
500	0.33	0.56
630	0.31	0.49
800	0.30	0.51
1000	0.28	0.49
1250	0.27	0.47
1600	0.26	0.46
2000	0.25	0.43
2500	0.23	0.44
3150	0.22	0.41
4000	0.21	0.40
5000	0.20	0.38

Tested to ISO 354 at Canterbury University, New Zealand
Report Number: 226 & 228

Echohush Bass Traps



For further information
and contact details,
please visit our website
pyroteknc.com

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic, mechanical and fire engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See pyroteknc.com/disclaimer.

