



Decorative Sound Absorbing Foam Panels



Echohush Profile is a range of decorative sound absorbing foam panels made from combustion modified polyether foam, that offer diffusive properties as well as high noise reduction across a broad frequency range.

As the name suggests, the absorptive panels feature a variety of decorative profiled surface patterns that are sculpted to varying shapes and designs, to maximise surface area for exceptional acoustic performance while also offering a decorative finish.

In conjunction with leading laboratories and test facilities, Pyrotek have formulated and developed **Profile** foams to outperform traditional acoustic foams by controlling the cell size, porosity, density and the flow resistivity throughout the cell structure. With specialised flame retarders to the foam, the panels exhibit improved fire performance to meet **UL94** fire ratings.

The panels work by reducing reverberant noise or 'echo' and improving audio and voice clarity, making them a preferred choice for applications such as recording studios, home entertainment theatres, conference/meeting rooms or noisy areas such as restaurants, bars and cafes.

A choice of multiple colours using a specialised coating process is offered for additional surface protection and durability.

Echohush Profile can be used in conjunction with our other **Echohush** products, such as **Bass Traps, Baffles, Cosmo** to list a few, to effectively absorb a broad range of frequencies and help control typical room noise disturbances like interfering echo or flutter, modal distortion and reverberation.

FEATURES

- Combustion modified - high flame retardant
- Absorption over a broad frequency range
- Contoured foam diffuses more noise than standard flat foam
- 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, UV resistance and durability
- Decorative appearance combining acoustics and aesthetics to upscale any décor
- Can be easily cut to various shapes and patterns to optimise aesthetic appearance
- Easy installation - specialised backing board available for mounting product
- Installation with backing board, offers flexibility to reposition product to other surfaces
- Choice of plain foam finish or one of our 21 modern, standard colour choices (See page 2.)

APPLICATIONS

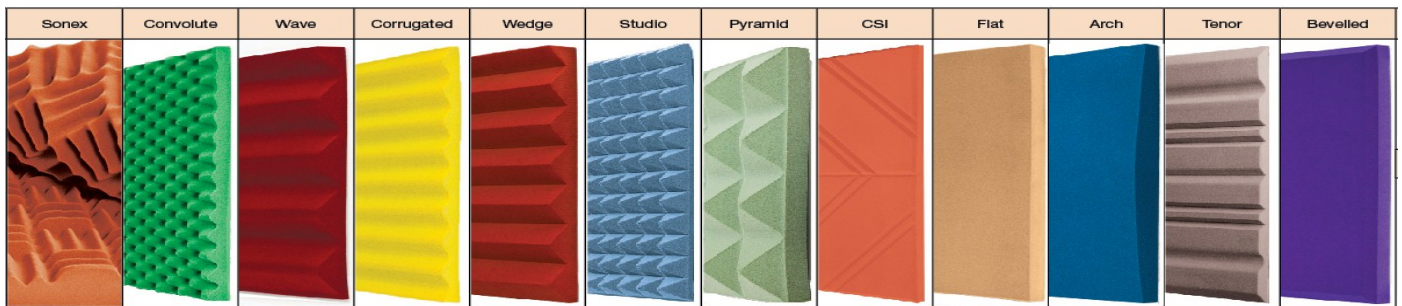
- **Commercial:**
Boardrooms, Open plan offices, Call centres, etc...
- **Public Areas:**
Schools, Churches, Community Centres, Function rooms, Museums etc...
- **Hospitality:**
Cafes, Hotels, Bars, Restaurants, etc ..
- **Home:**
Home Theatre, Lounge Room, Music Rooms, Mixing Rooms, Studios etc...
-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

PRODUCT SPECIFICATIONS

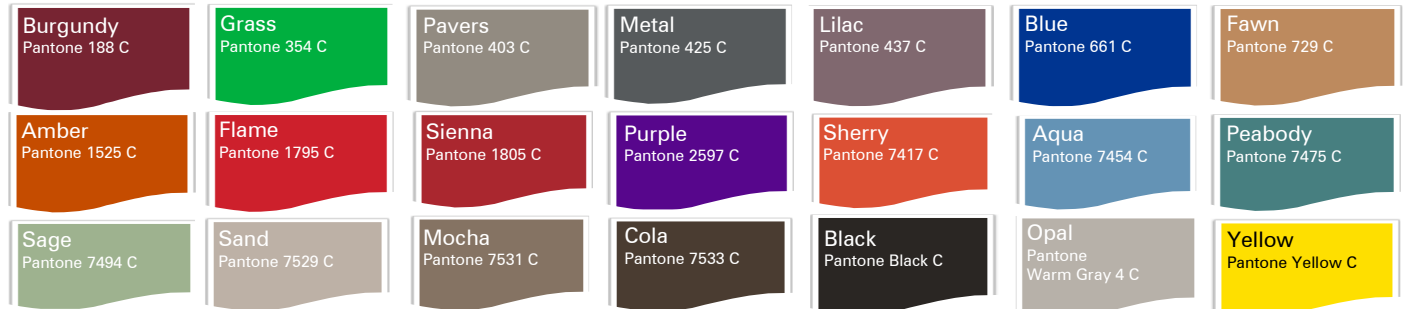
ECHOHUSH PROFILE		PANEL DIMENSIONS			PRODUCT CODE*	PANELS PER BOX
		THICKNESS (mm)	LENGTH (m)	WIDTH (m)		
PATTERNS	WAVE	60	0.60	0.60	PROFILE WAV 60	8
	SONEX	50	0.60	0.60	PROFILE SNX 50	8
	CORRUGATED	40	0.60	0.60	PROFILE COR 40	10
	WEDGE	70	0.60	0.60	PROFILE WED 70	6
	PYRAMID	75	0.60	0.60	PROFILE PYR 75	4
	CONVOLUTE	50	0.60	0.60	PROFILE CON 50	8
	STUDIO	50	0.60	0.60	PROFILE STU 50	6
	CSI	50	0.60	0.60	PROFILE CSI 50	6
	TENOR	50	0.60	0.60	PROFILE TEN 50	6
	ARCH	70	0.60	0.60	PROFILE ARC 70	4
	FLAT	50	0.60	0.60	PROFILE FLAT 50	6
	BEVELLED	50	0.60	0.60	PROFILE BEV 50	6

* See nomenclature key below

PRODUCT DESIGNS



STANDARD COLOURS



Please visit our webpage: <http://www.pyroteknc.com/echohush-profile.html> to view our gallery of colours and product designs.

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.

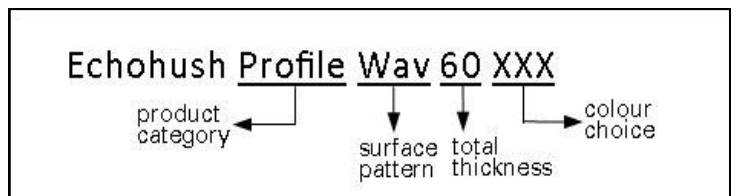
Tip: Very light colours and whites should be avoided. Light colours can let the base foam colour show through the coating layer and may also be affected by UV rays.

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.

NOMENCLATURE:



Caveats: Specifications are subject to change without notice. The data in this document are 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 or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek NC 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 www.pyroteknc.com/disclaimer.

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noise control