

## Decorative Sound Absorbing Foam Panels



### FEATURES

- Specialised flame retardant foam improves fire performance over standard acoustic foams
- Manufactured from hydrolysis resistant polyether foam with natural resistance to humidity
- Does not shed irritating fibres
- Easily cut into various shapes and patterns for maximum visual effect
- Easy to install with contact adhesive or a mechanical fixing system
- Vast colour range available

### APPLICATIONS

- Boardrooms, open plan offices, call centres
- Schools, churches, community centres
- Cafes, hotels, restaurants
- Home theatre, lounge room, music rooms
- Radio, TV and recording studios

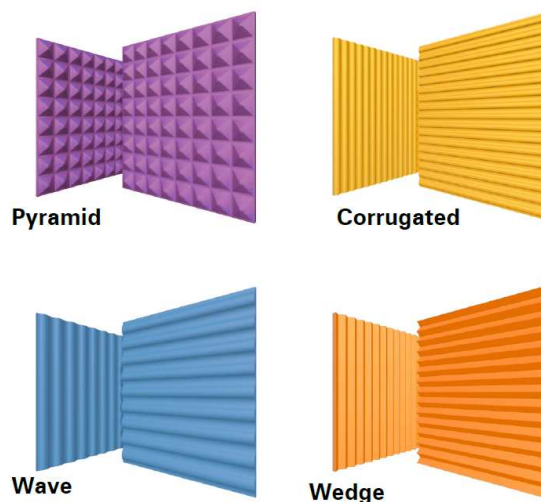
**Echohush Profile** panels are specially custom painted combustion modified acoustic foam panels that reduce noise levels in high-energy spaces such as cafes and bars, and improve voice clarity in key communication rooms.

**Echohush Profile** panels improve home entertainment and surround systems, with a reduction in conflicting echo, creating a neutral audio environment for clear, pure sound for professional audio reproduction.

As **Echohush** panels can be incorporated into the design process or retrofitted once construction has been completed, they provide an excellent option for resolving reverberation problems at any stage of a building fit out.

These decorative panels combine acoustics and aesthetics, maximising noise energy reduction by absorption, while providing strong visual qualities to suit any decor.

Available in four designs custom coloured to produce a striking look. Consult your Pyrotek representative for colour choice, light colours should be avoided as they shadow and do not colour evenly.



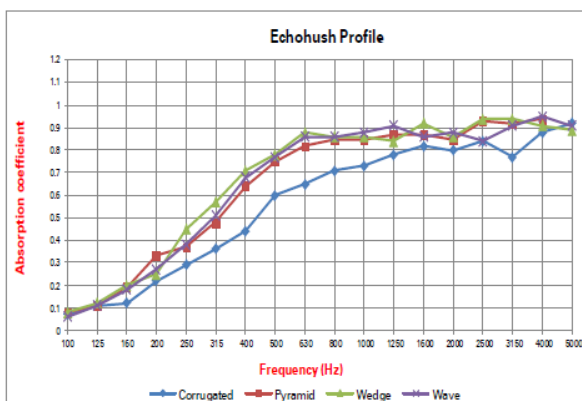
LIGON 216 PTY LTD ABN 79 003 799 068 trading as **SOUNDBLOCK SOLUTIONS**  
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## PRODUCT SPECIFICATIONS

PRODUCT CODE	PRODUCT NAME	PANEL SIZE (metres)	MAXIMUM OPERATING TEMPERATURE
EHCR-FR	Echohush Corrugated	1.2 X 1.2 X 0.040m	80°C
EHPY-FR	Echohush Pyramid	1.2 X 1.2 X 0.0740m	
EHWD-FR	Echohush Wedge	1.2 X 1.2 X 0.070m	
ESF-FR	Echohush Studio Foam	1.2 X 1.2 X 0.030m	

## ACOUSTIC PERFORMANCE

(Canterbury University ISO 354-1988 Report.: JP-09/99)



Frequency (Hz)	Corrugated	Pyramid	Wedge	Wave
100	0.07	0.08	0.08	0.06
125	0.11	0.11	0.12	0.11
160	0.12	0.19	0.20	0.18
200	0.22	0.33	0.25	0.27
250	0.29	0.37	0.45	0.38
315	0.36	0.48	0.57	0.51
400	0.44	0.64	0.71	0.68
500	0.60	0.75	0.78	0.77
630	0.65	0.82	0.88	0.86
800	0.71	0.85	0.86	0.86
1000	0.73	0.85	0.86	0.88
1250	0.78	0.87	0.84	0.91
1600	0.82	0.87	0.92	0.86
2000	0.80	0.85	0.86	0.88
2500	0.84	0.93	0.94	0.84
3150	0.77	0.92	0.94	0.91
4000	0.88	0.94	0.91	0.95
5000	0.92	0.92	0.89	0.91
NRC	0.60	0.70	0.75	0.75

Caution: 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.pyrotek.com/Disclaimer](http://www.pyrotek.com/Disclaimer).



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