



# IMPRINT

Acoustic Panels



## PRODUCT INFO

Imprint brings your creative visions to life by combining customised printing with exceptional acoustic performance. Using our advanced **UV flat-bed printing technology**, Imprint allows intricate designs, logos, and even poster-quality images to be printed directly onto **Alpha, Echo, and Ambiance Panels**, offering endless design possibilities without compromising on sound absorption.

Crafted with our premium acoustic materials, Imprint ensures high performance while delivering vibrant, detailed artwork tailored to your project needs. Perfect for breaking the boundaries of standard designs, Imprint transforms acoustic panels into bespoke creations, making it the ultimate solution for your most imaginative interior concepts.

# IMPRINT MATERIALITY



## ALPHA IMPRINT

The Acoustics Company can print any image directly onto Alpha acoustic panels using our in-house UV flat-bed printers. Designs can be printed onto single panels sized up to 2800mm x 1200mm x (12mm/24mm) or across multiple panels to maximise wall coverage. Replace traditional non-acoustic wall art with printed acoustic panels to help improve creativity and the acoustic performance of your interior.

## ECHO IMPRINT

Echo Imprint is a class A acoustic artwork solution that comes with a self-adhesive backing for quick and easy installation. Echo Imprint helps to improve brand awareness, creativity and user well-being in a wide range of features. The Acoustics Company can print any image directly onto Echo panels using our in-house flatbed printer. Designs can be printed onto single panels or across multiple panels to maximise wall coverage.

## AMBIANCE IMPRINT

Acoustic wall panels offer exceptional performance and great value for money. The Ambiance range is manufactured from a 40mm Glass Wool core that is Class 0 / EN Class 1 fire rated faced with a UV printed fabric finish. It is a Class A acoustic product that is impact resistant and easy to install. The Ambiance wall panel is available in endless images, patterns and creative solutions to ensure your acoustic wall treatment matches your interior. They are hand cut and wrapped for the highest quality possible

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Alpha Imprint	04WTAPS-IMP001	1200mm x 2800mm	12mm/24mm
Echo Imprint	04WTAPS-IMP002	1200mm x 2400mm	30/50/70mm
Ambiance Imprint	04WTAPS-IMP003	1200mm x 2400mm	40mm

# MATERIAL INFORMATION

<b>COMPOSITION:</b>	75% Recycled PET Fibre   25% Virgin Fibre Basotec Foam/Fabric Faced Glasswool Core/Fabric Faced
<b>FIRE RATING:</b>	EN13501-1:2007+A1:2009 B - S1, D0 (Recycled PET) DIN ISO 13501-1: 2010 C - S2, D0/M1/Class 0 (Basotec) BS 478: PART 6: 1989+A1:2009 (17.4) (Ambiance) BS 478: PART 7: 1997 Class 1, Class 0 Core (Ambiance)
<b>DENSITY:</b>	2.4kg/m <sup>2</sup> (12mm) / 3.8kg/m <sup>2</sup> (24mm) (Recycled PET) 9kg/m <sup>3</sup> (Basotec) 4.0kg/m <sup>3</sup> (Ambiance)
<b>ACOUSTICS:</b>	Class D Absorber (Recycled PET) Class A Absorber (Basotec) Class A Absorber (Ambiance)

\*Our Alpha panels have a Thickness Tolerance of ±1 mm and a Length & Width Tolerance of ±3 mm  
 \*Our Echo panels have a Thickness Tolerance of ±4 mm and a Length & Width Tolerance of ±6 mm  
 \*Our Ambiance panels have a Thickness Tolerance of ±3 mm and a Length & Width Tolerance of ±5 mm



## FINISHES

Imprint is finished in industry leading fabrics. The selection has different textures and colours that would compliment any interior space and concept. Available as per recommendation of TAC sales and technical representatives



**Finishes**  
Scan the code or visit  
[www.acousticscompany.com/finishes](http://www.acousticscompany.com/finishes)

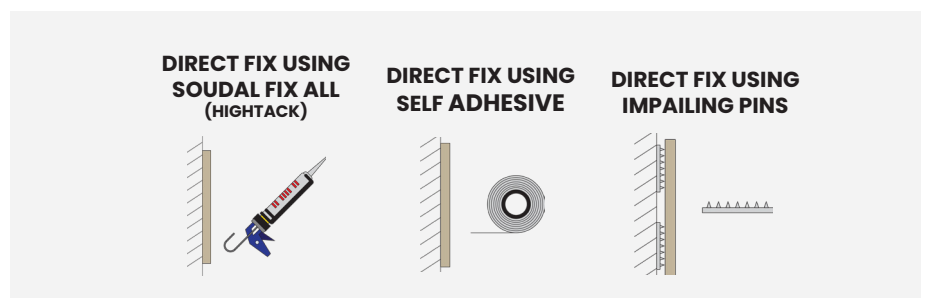


**Catalogue**  
Scan the code or visit  
<https://acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf>

## INSTALLATION

The Acoustics Company cater for all project budgets and have multiple fixing methods.

Imprint wall covering can be installed using the following method:



## DESIGN TIPS

**These are just some design tips you can do in order to maximise the full potential of our Imprint products:**

1. Use high-resolution images and graphics to ensure sharpness and clarity in UV printing, capturing intricate details and vibrant colours effectively.
2. Take advantage of UV printing capabilities to offer customizable designs and personalized options, catering to specific client preferences and branding requirements.
3. Plan the design and layout of UV printed wall coverings to seamlessly integrate with other interior elements such as furniture, lighting fixtures, and architectural features.
4. Consider the placement of electrical outlets or access points if needed for future maintenance or upgrades.

# ACOUSTIC PERFORMANCE

The acoustic performance of materials refers to their ability to absorb, reflect, or transmit sound waves. This concept is crucial in architecture, interior design, and engineering, as it determines how sound behaves in a space. Materials with good acoustic performance can reduce noise levels, improve speech intelligibility, and create more comfortable and functional environments by controlling reverberation and sound transmission.

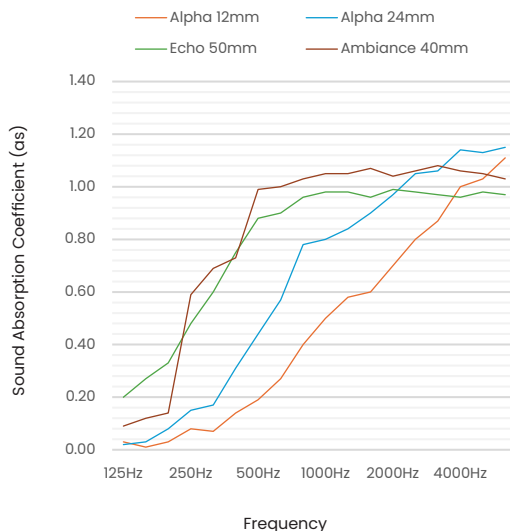
## TESTING STANDARDS

<b>ISO 354</b>	Measurement of sound absorption in a reverberation room
<b>ISO 11654</b>	Sound absorbers for use in buildings – Rating of sound absorption
<b>ASTM C423-17</b>	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
<b>ACOUSTICS:</b>	Sound absorbers for use in buildings – Rating of sound absorption

ACOUSTICALLY TESTED IMPRINT	aw	NRC	CLASS
Alpha 12mm Direct Fix	0.35(H)	0.45	D
Alpha 24mm Direct Fix	0.50(MH)	0.65	D
Echo 50mm Direct Fix	0.90	0.85	A
Ambiance 40mm Direct Fix	1.00	0.95	A

For aw, it is strongly recommended to use this single-number rating in combination with the complete sound absorption curve that can be obtained on request.

FREQUENCY (Hz)	125	250	500	1000	2000	4000
Alpha 12mm Direct Fix	0.00	0.10	0.30	0.55	0.80	1.00
Alpha 24mm Direct Fix	0.05	0.20	0.60	0.85	1.00	1.00
Echo 50mm Direct Fix	0.25	0.60	0.90	0.95	1.00	0.95
Ambiance 40mm Direct Fix	0.35	0.85	1.00	0.95	0.95	1.00



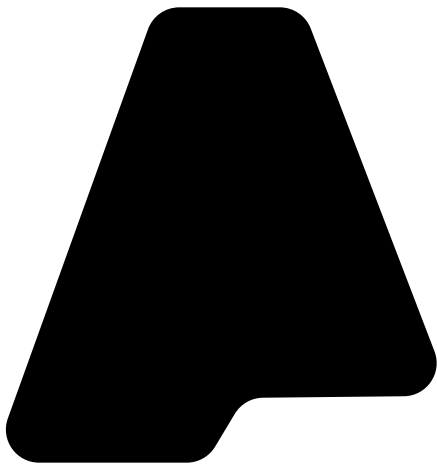
Weighted Sound Absorption Coefficient (aw) - Measured in accordance with ISO 11654. Practical sound absorption coefficient ap values at given standard frequencies are compared with reference curve aw.

Noise Reduction Coefficient (NRC) - The mean average as value at frequencies 250, 500, 1000 and 2000 Hz.

Absorption Class - Levels of comparison of absorption values against a reference curve with A as highest and E as lowest. Measured in accordance with ISO 11654.

Practical Sound Absorption Coefficient (ap) - The average of the three as values centered on the 1/3 octave band center frequency, measured in accordance with EN ISO 354.

Note: The sound absorption values provided in this product sheet are subject to change without prior notice from The Acoustics Company. For the most current and accurate technical specifications, please contact our Sales Team directly.



# THE ACOUSTICS COMPANY



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