

SCULPTED RANGE

# ARCH

THE ART DECO COLLECTION



Infused with a perfect fusion of sustainability, acoustic performance, and artistic flair, our acoustic wall panels transform any space into a visually striking masterpiece while effectively reducing reverberation. Engineered to reduce reverberation and support clearer, more comfortable acoustic environments. Ecousta's acoustic wall panels are designed to make spaces sound better, bringing a considered finish to interior spaces.

For technical support or further advice, contact:

[hello@ecousta.com](mailto:hello@ecousta.com) | +44 (0)1273 750 240

 **ecousta**  
Sustainable Acoustic Solutions

**DISCLAIMER**

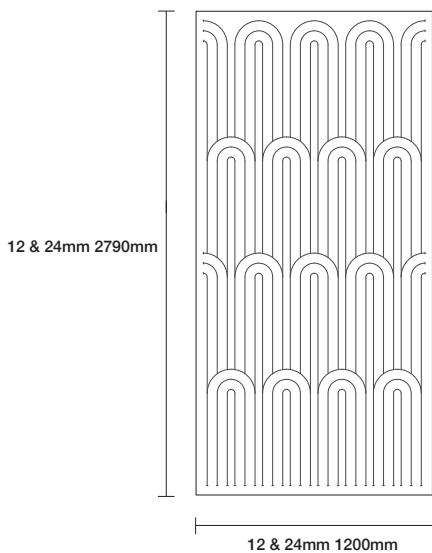
This guide is provided in good faith to assist in installation. It is not intended as a complete or prescriptive method. ECOUSTA accepts no responsibility for results due to variations in site conditions, handling or application. All health and safety standards must be observed.

# COLOUR RANGE

12mm & 24mm



# SCHEMATIC



Arch combines art-deco inspiration with next-generation precision. Cut on our Zünd using our latest precision blade, each panel features flowing, curved grooves that bring movement, depth and acoustic clarity to any space. Crafted in the UK from our in-house Ecoutex™, Arch elevates walls with a timeless, sculptural rhythm.

Available in 9, 12, 18 and 24 mm thicknesses and in 160 colours (47 stocked in the UK), Arch is ideal for large-scale installations, delivering bold, architectural pattern with built-in sound absorption.



Custom spacing, angles and depths are available on request. Custom sizes can be cut on request.

# SPECIFICATIONS



## COMPOSITION

100% Polythene Terephthalate. 75% Post consumer waste, 25% virgin Bico fibre.



## DIMENSIONS

Manufactured for 12 and 24mm PET. Product dimensions subject to specification.



## COLOURS

160 Colours available. 47 colours from stock. Lead times and MOQs may apply. Light fastness: 6-7 excellent.



## ECOUTEX ACOUSTIC RESULTS

| THICKNESS | RESULT TYPE                  | NO AIR GAP | 50MM AIR GAP | 100MM AIR GAP | 200MM AIR GAP |
|-----------|------------------------------|------------|--------------|---------------|---------------|
| 12mm      | aw rating                    | 0.25       | 0.65         | 0.9           | 0.95          |
|           | SAA rating - NRC Replacement | 0.41       | 0.76         | 0.87          | 0.92          |
|           | Absorption Class             | E          | C            | A             | A             |
| 24mm      | aw rating                    | 0.5        | 0.85         | 1             | 1             |
|           | SAA rating - NRC Replacement | 0.7        | 0.89         | 0.94          | 0.97          |
|           | Absorption Class             | D          | B            | A             | A             |



## FIRE & HEAT

**Fire retardant:**  
EN 13501-1: 2018 Classification  
B-s1, d0  
Recommended Service Temp: Up to 80°C

COMPREHENSIVE TECHNICAL DOCUMENTATION ON REQUEST

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