

HEXAGON

Sonara Range by Ecousta - CEILING ISLANDS



Sonara by Ecousta is a collection of suspended acoustic ceiling islands engineered to introduce quiet architecture overhead. Crafted from 24 mm Ecoutex™ with 75 % recycled content, each island combines sculptural form with Class A acoustic performance (NRC up to 1.0 with ≥ 100 mm air gap).

Designed and manufactured in Sussex, the collection features six signature geometries, Halo, Quad, Span, Frame, Hex and Cloud, each CNC-cut with millimetre precision to complement interior proportion and architectural rhythm.

Available in 47 UK colours, Sonara islands soften reverberation, define spatial zoning and support acoustic clarity across workplaces, education and public interiors. Suitable for individual suspension or clustered layouts, the system integrates with Ecousta Hanging Kits or Polycarbonate Bracket Systems.

For technical support or further advice, contact:

hello@ecousta.com | +44 (0)1273 750 240

 **ecousta**
Sustainable Acoustic Solutions

DISCLAIMER

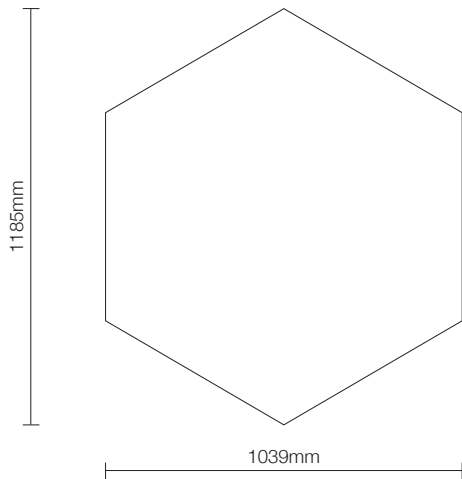
This guide is provided in good faith to assist in installation. It is not intended as a complete or prescriptive method. ECOUSTA accepts no responsibility for results due to variations in site conditions, handling or application. All health and safety standards must be observed.

COLOUR RANGE

12mm & 24mm



SCHEMATIC



High-performing and modular, the Hexagon supports acoustic control while enabling tessellated design schemes. Its multi-faceted geometry allows seamless clustering for extended surface coverage and scalable sound management. Constructed from 24 mm Class A Ecoutex™, it delivers balanced absorption across frequencies, especially effective in open-plan environments. The format naturally complements both radial and grid-based installations and works with both individual suspension and grouped hanging systems.

Six-sided form for dynamic geometry and even acoustic distribution.

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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