

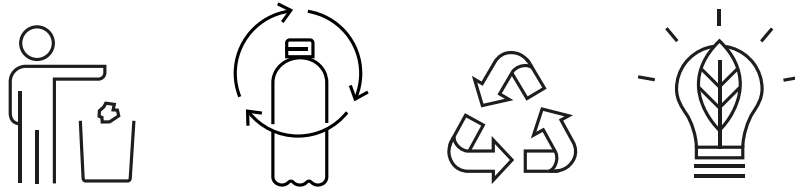
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SPACEBEAM™ Acoustic SYSTEM



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AURA™ is sustainably manufactured using 60% post-consumer waste recycled PET from single use plastics (soft drink and detergent bottles).

Recycled bottles are flaked into tiny chips, sanitised and fed into a hopper that melts the pellets, pumping them through a spinneret which creates thousands of thread-like fibres.

AURA™ Acoustic Panels are made entirely of PET plastic, the mono-material is through-colour, non-toxic, pinable, free of formaldehyde, has incredibly low VOCs and can be recycled at the end of its useful life.

The fibres are cooled and set into a soft, fine web which is finally heated and compressed into the finished panel. These can be cut, thermoformed, CNC-routed, waterjet cut or custom printed.

Soundspace® AURA™ is a 100% PET panel designed to offer superior sound absorption that makes our range of products.

AURA™ is a highly functional acoustic material intended to be used as acoustic panels, baffles, fins and rafts.

AURA™ is produced from a minimum of 60% recycled PET fibre and can be recycled again to give a closed loop product.

Soundspace AURA™ Panels are made to the Global Recycling Standard 4.0 and OEKO-TEX 100



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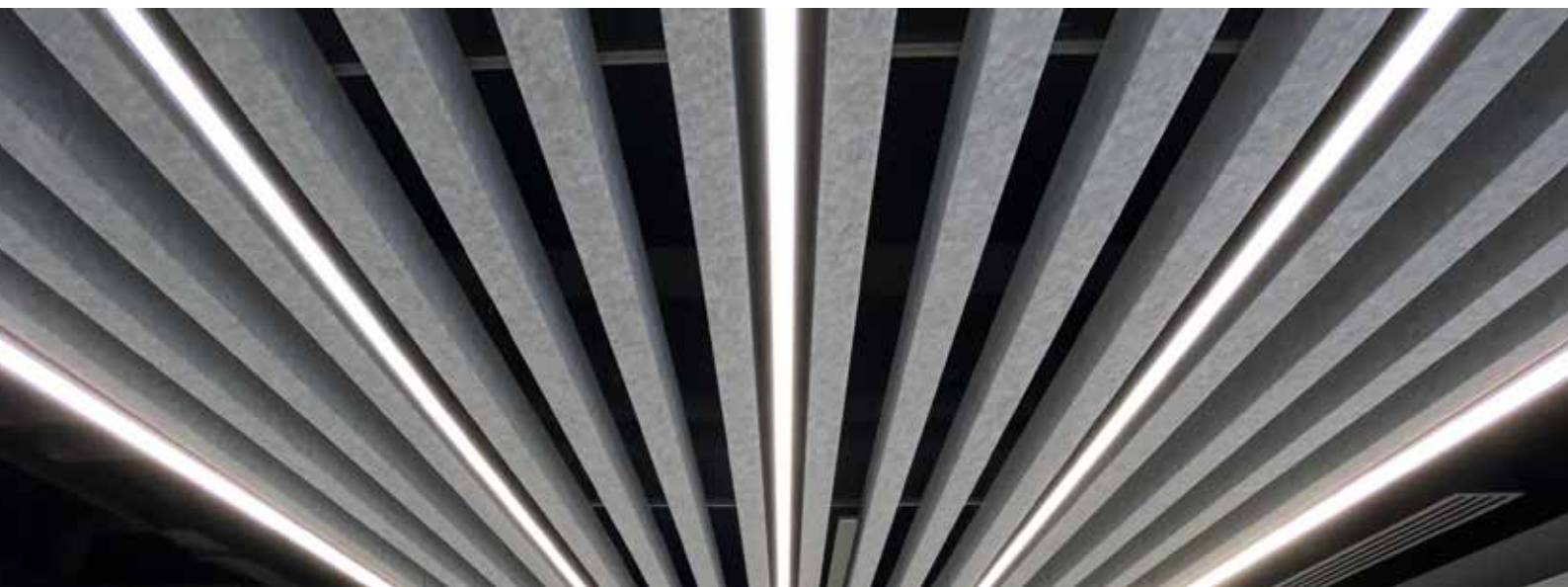
AURA™ is a 100% recyclable non-laminated P.E.T panel which is used to create many of our products.

This material can be cut to almost any shape or size, and comes in a range of colours that can also be printed.

With our methods of waterjet cutting, CNC and thermoforming we have designed a range of solutions that can be easily customised

Combining aesthetics and acoustic performance seamlessly.

AURA™ is the inherently fire retardant and sustainable choice.



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AURA™ PANEL

Soundspace AURA™ Acoustic Panels are versatile acoustic panel designed for a range of interior applications. Available in 12 mm and 24 mm thicknesses, AURA™ Acoustic panels are lightweight, semi-rigid and made from 100% polyester fibre.

AURA™ Acoustic panels are customisable with methods of waterjet cutting, CNC and thermoforming we have designed a range of solutions that can be easily customised. Panels are solid colour throughout and require no edging or capping.

Specification

AURA™ Panels have been manufactured using 65% post-consumer recycled fibres and is 100% recyclable. The recycled PET fibres are prominently sourced from bottles and other recyclable PET consumables. Panels are made by compressing FR oil-free PET fibres which go through a spinning, punching and baking process. We have identified the perfect density that offers a great balance between acoustic performance and rigidity. Manufactured under ISO9001

Dimensions + Density

12mm Panel	1200mm x 2800mm	2.4kg / m ²
24mm Panel	1200mm x 2800mm	4.8kg / m ²



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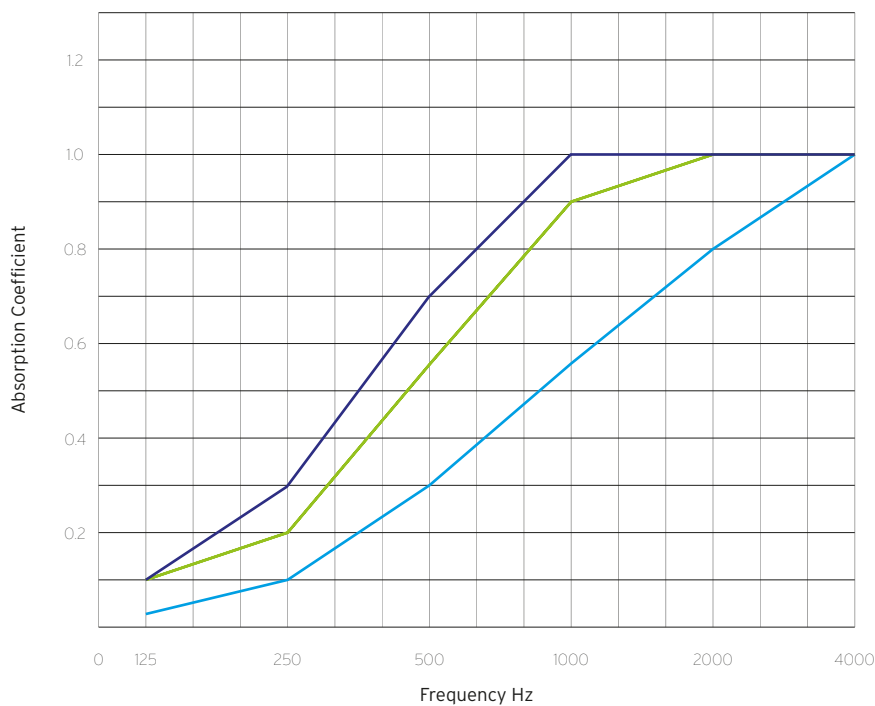
AURA™ Acoustic Panel 12mm

Soundspace AURA™ Acoustic Panels are versatile acoustic panel designed for a range of interior applications. Available in 12 mm and 24 mm thicknesses, AURA™ Acoustic panels are lightweight, semi-rigid and made from 100% polyester fibre.

Acoustic performance for AURA™ 12mm panels Direct Fix, 25mm and 50mm Air Gaps

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● AURA™ 12mm	0.03	0.10	0.30	0.55	0.80	1.00	0.45
● AURA™ 12mm + 25mm Air Gap	0.10	0.20	0.55	0.90	1.00	1.00	0.65
● AURA™ 12mm + 50mm Air Gap	0.10	0.30	0.70	1.00	1.00	1.00	0.75

Absorption Coefficient in accordance with ISO 354
Tested at SRL Technical Services UK



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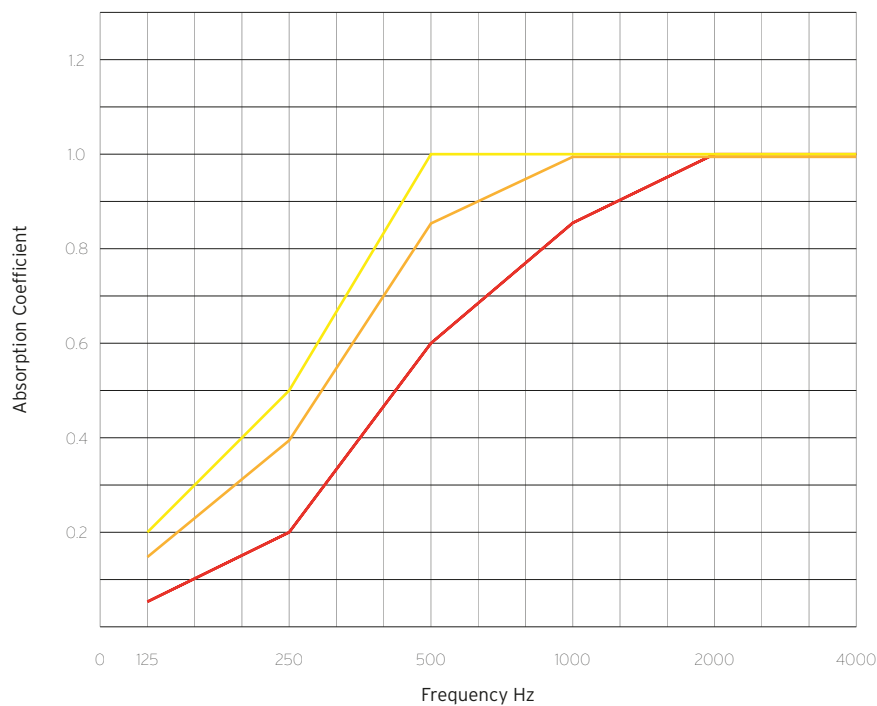
AURA™ Acoustic Panel 24mm

Soundspace AURA™ Acoustic Panels are versatile acoustic panel designed for a range of interior applications. Available in 12 mm and 24 mm thicknesses, AURA™ Acoustic panels are lightweight, semi-rigid and made from 100% polyester fibre.

Acoustic performance for AURA™ 24mm panels Direct Fix, 25mm and 50mm Air Gaps

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● AURA™ 24mm	0.05	0.20	0.60	0.85	1.00	1.00	0.65
● AURA™ 24mm + 25mm Air Gap	0.15	0.40	0.85	1.00	1.00	1.00	0.85
● AURA™ 24mm + 50mm Air Gap	0.20	0.50	1.00	1.00	1.00	1.00	0.95

Absorption Coefficient in accordance with ISO 354
Tested at SRL Technical Services UK



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SPACEBEAM™ Acoustic Baffle System

Soundspace SpaceBeam™ Acoustic Baffle System is made of AURA™ 100% PET panels formed into a modular baffle system.

Consisting of hollow form acoustic structure and suspension system creating a striking feature offering an alternative with acoustic performance.

Standard designs are sizes are available in various versions as well as custom solutions

Specification

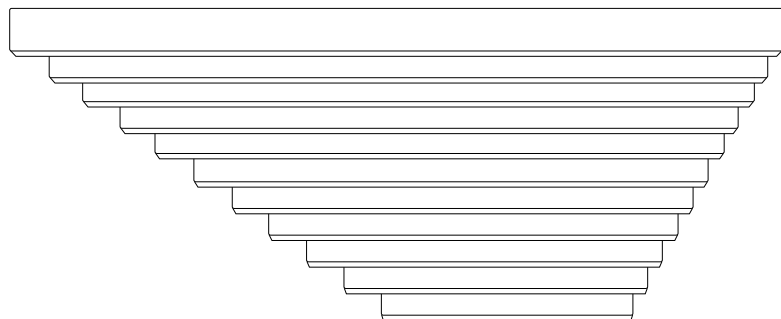
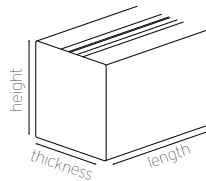
SpaceBeam™ is manufactured using 65% post-consumer recycled fibres and is 100% recyclable. The recycled PET fibres are prominently sourced from bottles and other recyclable PET consumables.

We have identified the perfect density that offers a great balance between acoustic performance and rigidity.
Manufactured under ISO9001

Dimensions

Thickness 50mm | 75mm | 100mm | 150mm
Height 50mm - 400mm Length 300mm - 2400mm

Detail





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AURA™ Acoustic Panel Datasheet

Soundspace AURA™ Acoustic Panels are versatile acoustic panel designed for a range of interior applications. Available in 12 mm and 24 mm thicknesses, AURA™ Acoustic panels are lightweight, semi-rigid and made from 100% polyester fibre.

AURA™ Acoustic panels are customisable with methods of waterjet cutting, CNC and thermoforming we have designed a range of solutions that can be easily customised.

AURA™ Acoustic panels are solid colour throughout and require no edging or capping.

Specification	<p>AURA™ Panels have been manufactured using 65% post-consumer recycled fibres and is 100% recyclable. The recycled PET fibres are prominently sourced from bottles and other recyclable PET consumables. Panels are made by compressing FR oil-free PET fibres which go through a spinning, punching and baking process. We have identified the perfect density that offers a great balance between acoustic performance and rigidity. Manufactured under ISO9001</p>		
Dimensions + Density	12mm Panel	1220mm x 2800mm	2.4kg / m ²
	24mm Panel	1220mm x 2800mm	4.8kg / m ²
Fire Specification	EN13501-: 2007+ A1:2009		B s1 d0
	ASTM E84-2019		Class A
Composition	100% Polyester	65% Recycled PET Fibre / 35% virgin fibre	
	Non-woven. No Pattern repeat but has a subtle directional grain. Product may vary batch to batch due to blending, which is inherent		
VOC Emissions	Soundspace AURA™ Panels have been tested for chemical emissions and is considered a low VOC product.		
	VOC Concentration <0.02mg/m ²	Formaldehyde 0.00UG/G	
Sustainability	Global Recycling Standard GRS 4.0	OEKO TEX 100 - Class 1	
	Soundspace AURA™ Panels are 100% Recyclable		



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We are Soundspace and we're inspired to enhance beautiful spaces in a sustainable way.

We do this using recycled, reusable resources that help the environment.

We work intelligently with clients to create and deliver design led solutions.

Acoustics and aesthetics, function with form.

We understand the built environment is a place for productivity...
... contemplation, inspiration and collaboration.

We love working with brands and people everywhere
to create more sustainability conscious spaces.



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