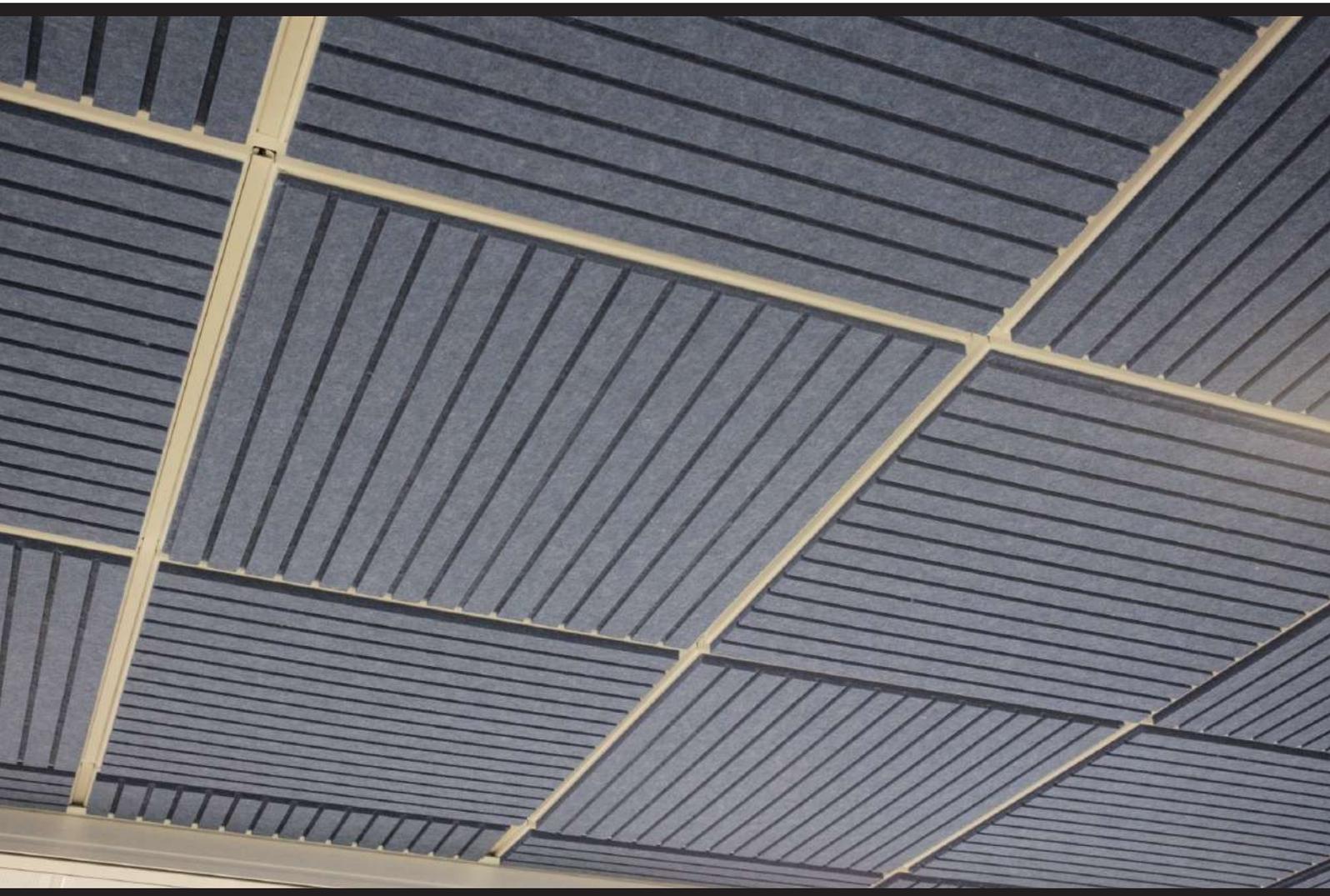


| Grid Tiles |



IWMI
URBAN
NOISE
CONTROL

POLYSOUND acoustic panels are manufactured from recycled PET, offering an environmentally responsible solution for improving acoustic comfort.

Designed for installation on both ceilings and walls, the panels provide **high levels of sound absorption** while enhancing the visual character of any interior space.

Suitable for a wide range of environments—including private, commercial, and specialized spaces—POLYSOUND panels combine acoustic performance with modern design flexibility.

The panels are available in **various shapes and formats**, allowing them to be installed edge-to-edge without visible joints. This creates a seamless, continuous surface across walls or ceilings, delivering a clean and refined architectural finish.

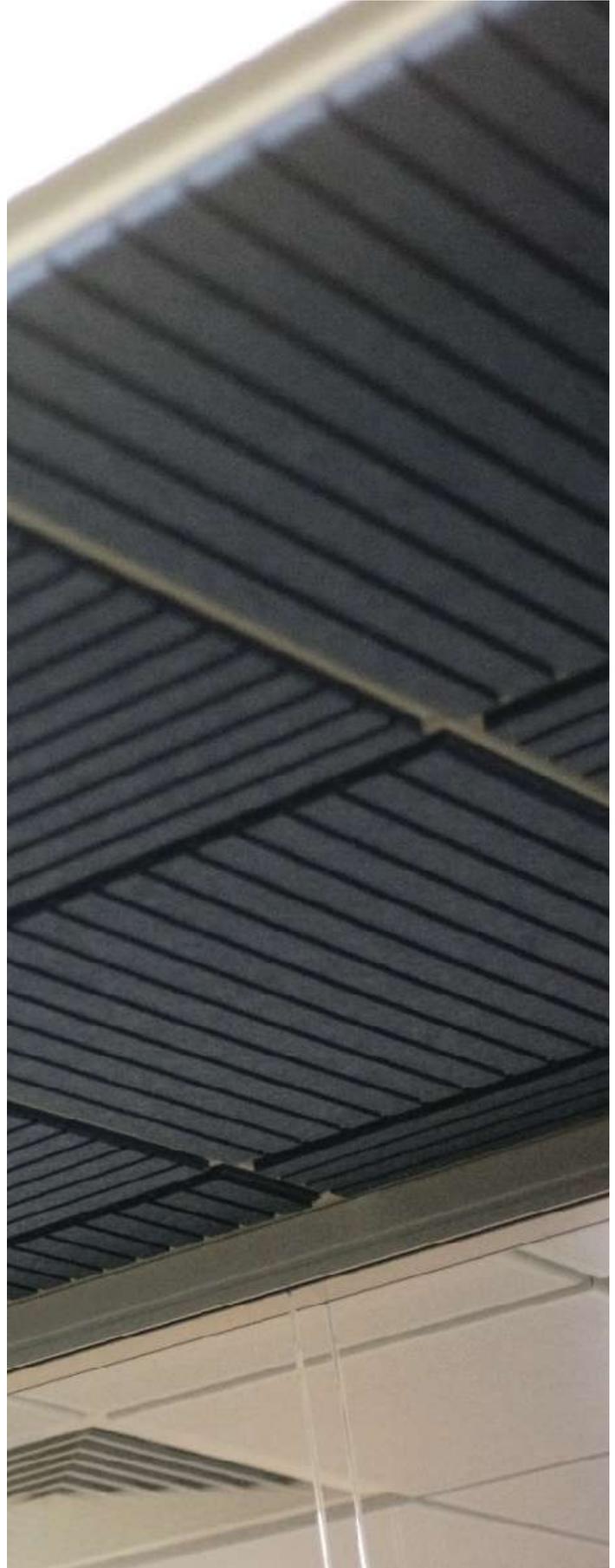
POLYSOUND provides a visually striking wall and ceiling covering solution that balances **acoustic efficiency, design versatility, and cost-effectiveness**, making it an ideal choice for contemporary interior projects.

Grid Tiles

PET acoustic tiles designed to **replace standard ceiling tiles** in existing T-grid suspension systems, providing enhanced sound absorption and improved aesthetics.

The tiles are **installed directly into the existing grid without modification**, allowing for fast, clean, and non-disruptive installation. Available in a variety of colours, they offer flexibility for designers and consultants while upgrading the acoustic performance of the space.

This system provides **one of the quickest acoustic upgrade solutions**, combining efficient installation, acoustic performance, and visual versatility.



TECHNICAL SPECIFICATIONS



INSTALLATION

Suitable for installation within suspended ceiling systems.



SUSTAINABILITY

Panels manufactured from 100% polyester fibre, containing a minimum of 75% post-consumer recycled PET sourced from recycled plastic bottles.



NON TOXIC

Tested according to BS EN 717-1 (E0) for formaldehyde emissions. The panels contain no chemical binders or formaldehyde, supporting safer indoor air quality.



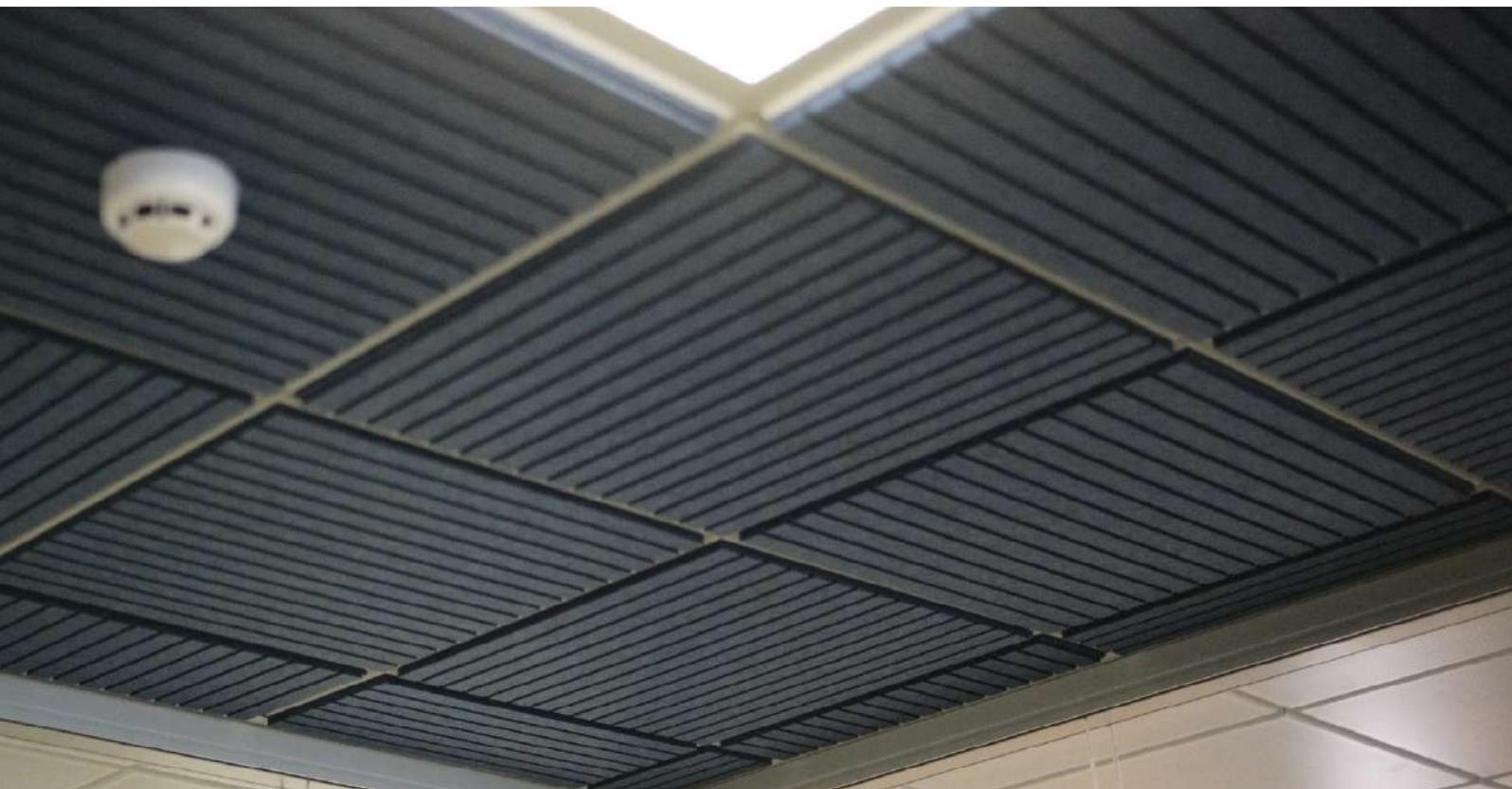
FLAME RETARDANT

Panels rated Class B-s1, d0 according to EN 13501-1, offering high fire safety performance for walls and ceilings.



MAINTENANCE

Panels can be cleaned easily using a dust broom, vacuum cleaner, or a damp cloth.



AVAILABLE SIZES

TILES

59 x 59 cm

THICKNESS

12 mm or 24 mm

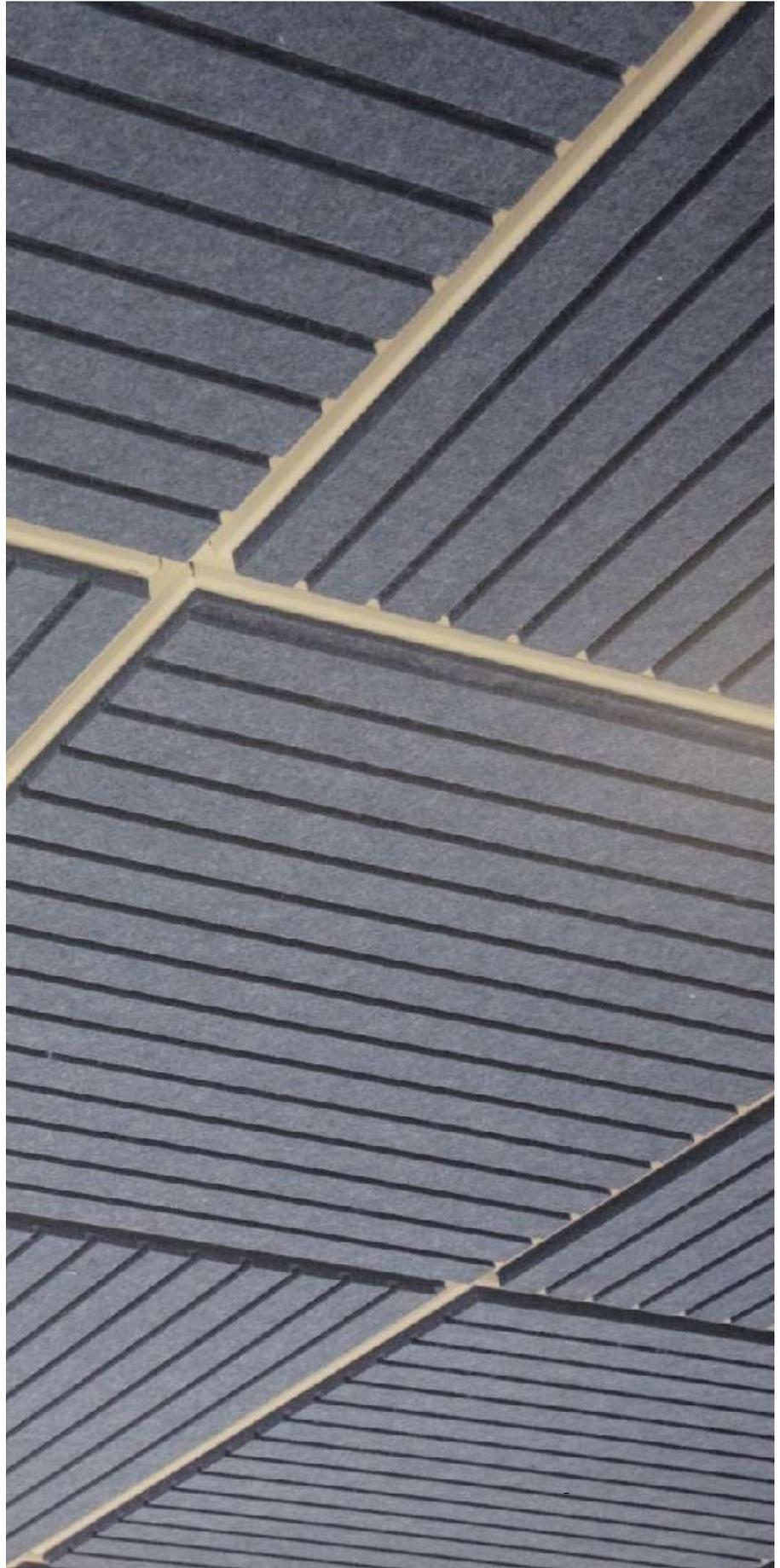
MATERIALS AND COLORS

MATERIALS

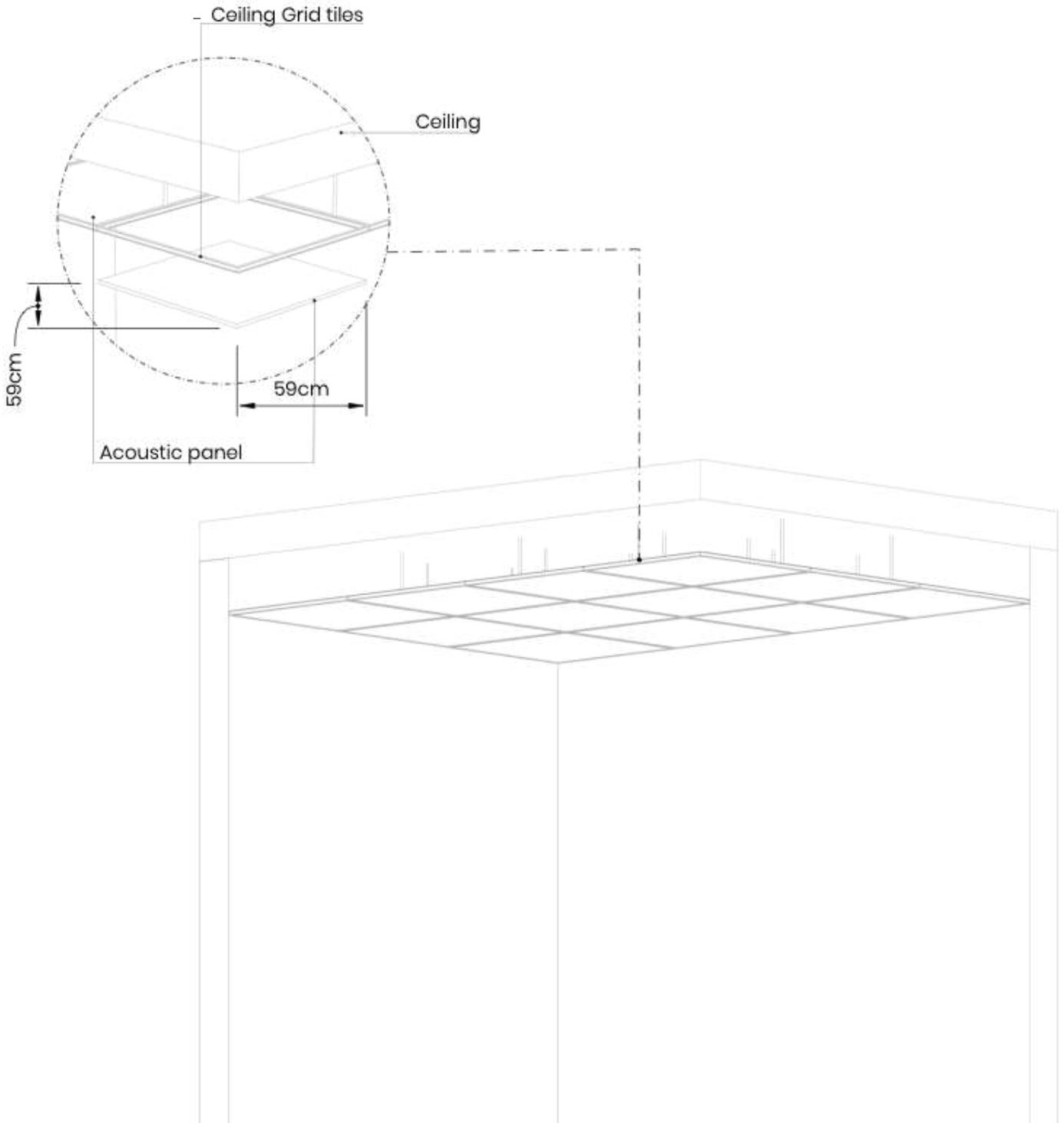
Polyester Fiber: 100% made from recycled PET

COLORS

As per client and project needs.



STANDARD DIMENSIONS AND TYPES



SOUND ABSORPTION

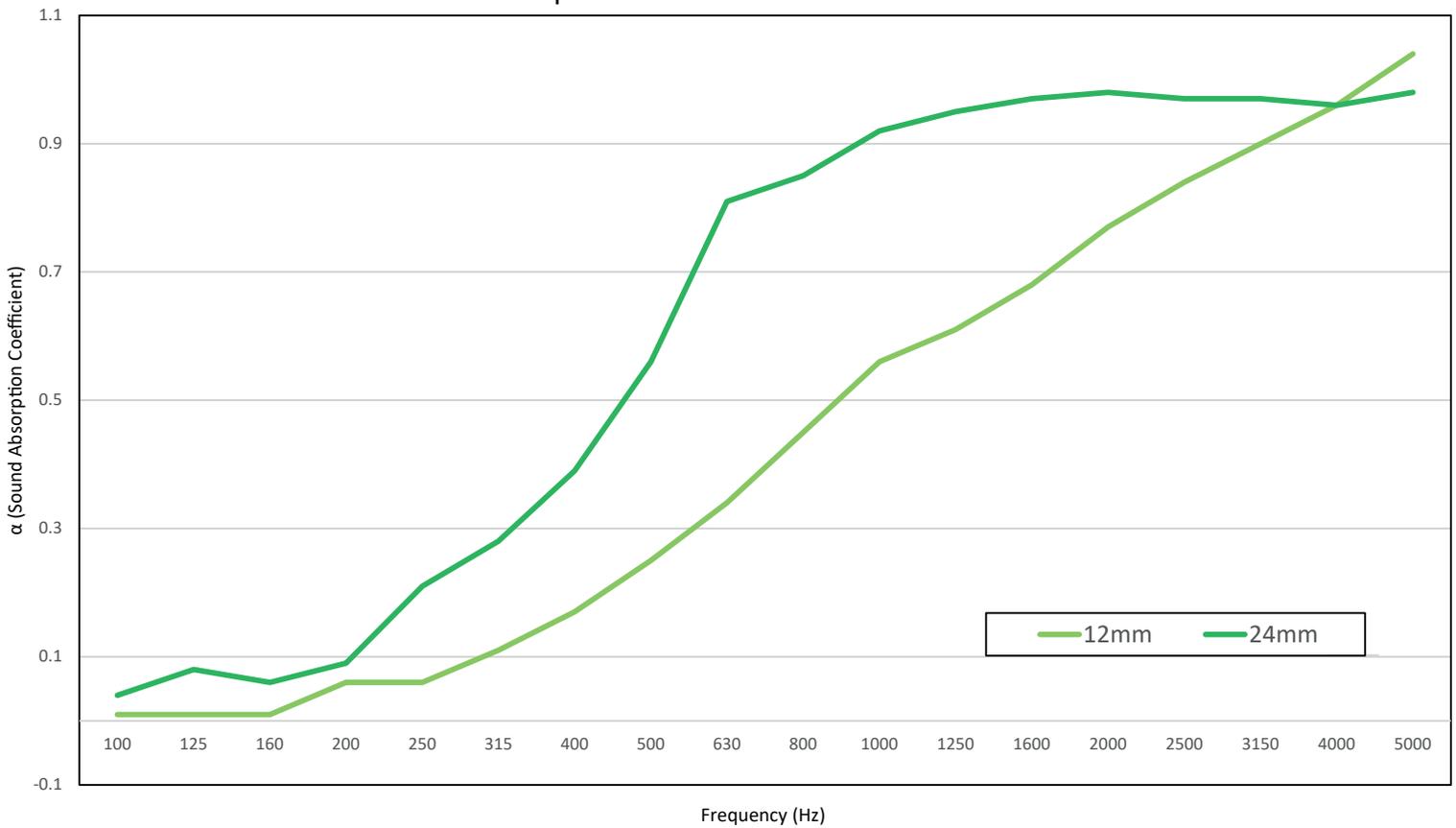
POLYSOUND GRID TILES 12MM

Sound class D ($\alpha_w=0.30$) [according to ISO 354:2003 & ISO 11654:1997]

POLYSOUND GRID TILES 24MM

Sound class C ($\alpha_w=0.61$) [according to ISO 354:2003 & ISO 11654:1997]

Absorption coefficient measurements



Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
as 12 mm	0.01	0.01	0.01	0.06	0.06	0.11	0.17	0.25	0.34	0.45	0.56	0.61	0.68	0.77	0.84	0.9	0.96	1.04
	0.01			0.08			0.25			0.54			0.76			0.97		
as 24 mm	0.04	0.08	0.06	0.09	0.21	0.28	0.39	0.56	0.81	0.85	0.92	0.95	0.97	0.98	0.97	0.97	0.96	0.98
	0.06			0.19			0.59			0.91			0.97			0.97		

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