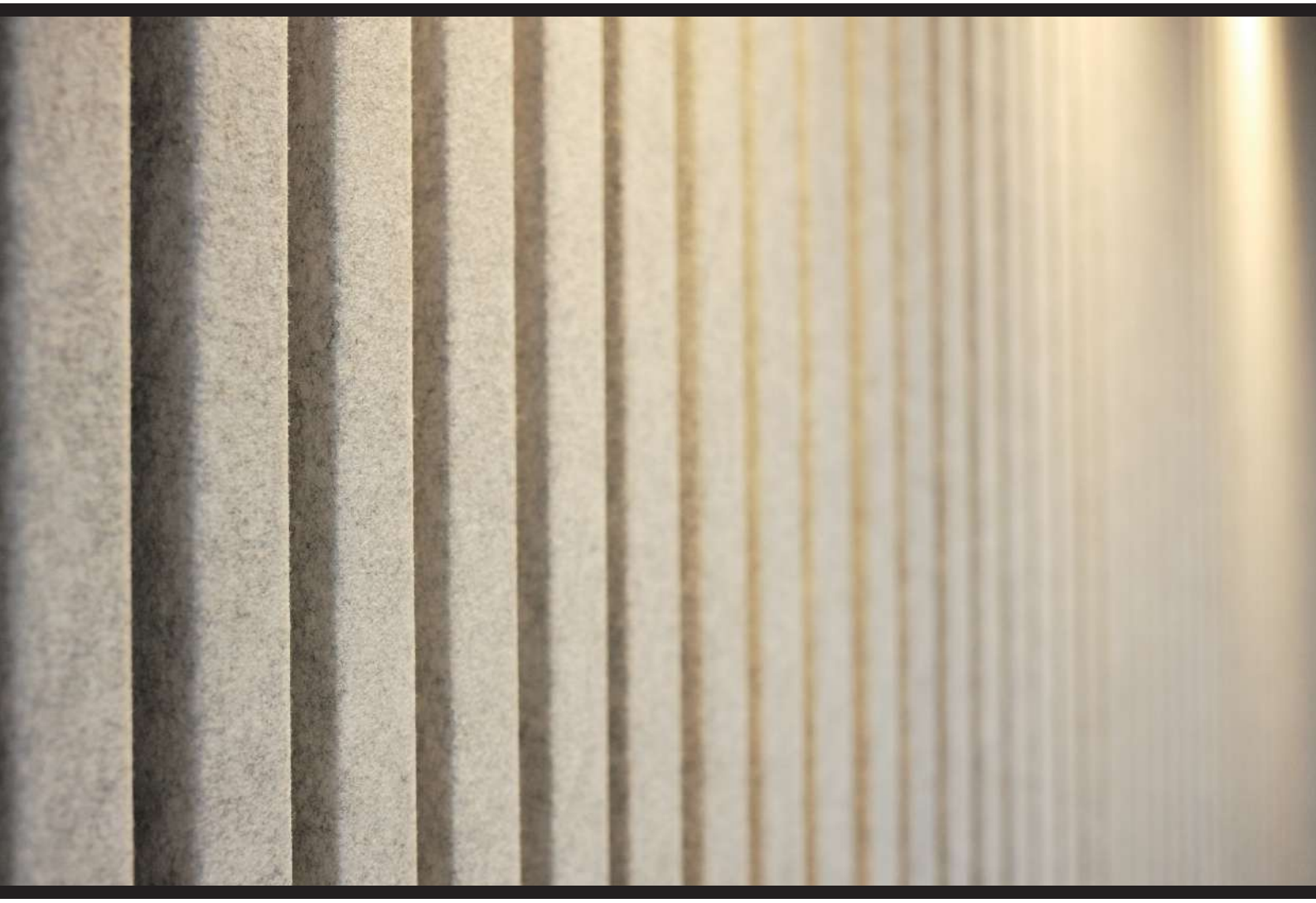
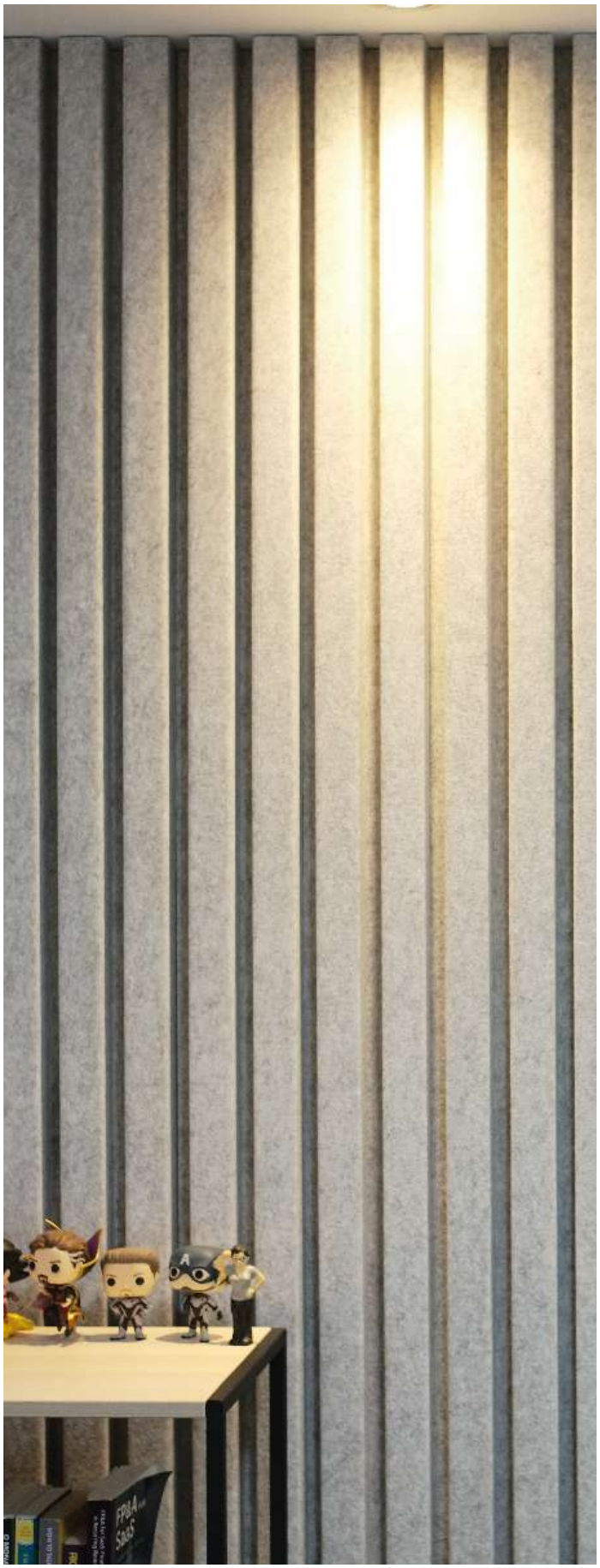
Beam



URBAN
NOISE
CONTROL



EXTRUDED acoustic panels are manufactured from recycled PET, offering an environmentally responsible solution for enhancing acoustic comfort. Designed for installation on both walls and ceilings, these panels deliver high sound absorption while elevating the visual character of interior spaces.

Suitable for a wide range of environments—including residential, commercial, and specialized applications—EXTRUDED panels **combine reliable acoustic performance with modern design flexibility**.

Available in three distinct shapes and formats, the panels are engineered for seamless edge-to-edge installation without visible joints. This allows for the creation of continuous, uniform surfaces across walls and ceilings, resulting in a **clean and refined architectural finish**.

EXTRUDED panels provide a visually striking solution for wall and ceiling coverings, balancing acoustic efficiency, design versatility, and cost-effectiveness—making them an **ideal choice for contemporary interior projects**.

URBAN NOISE CONTROL

TECHNICAL SPECIFICATIONS

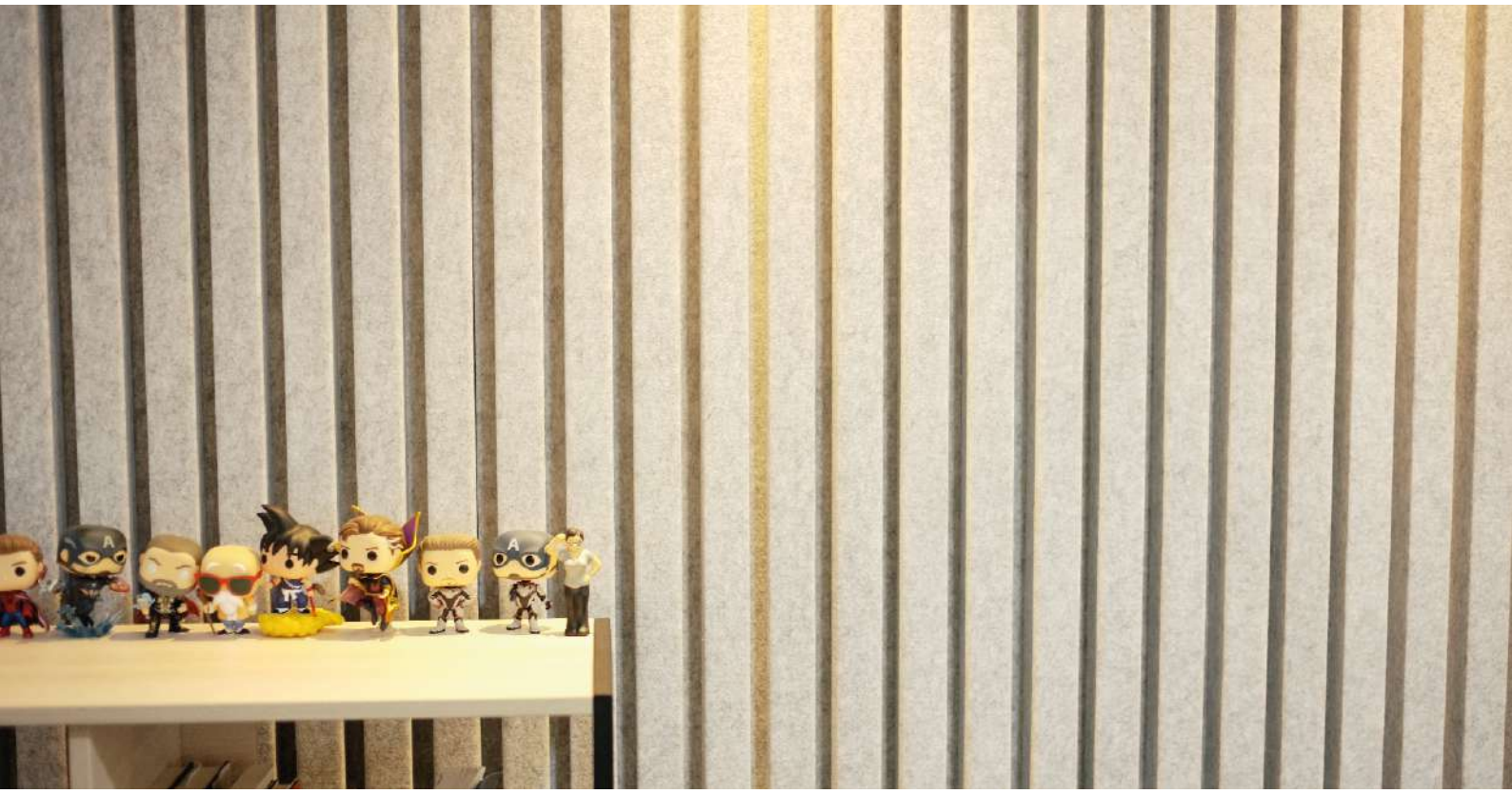
INSTALLATION
Installation can be carried out by **adhesive bonding** to walls or ceilings.

SUSTAINABLILITY
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

MODULE SIZE
240 cm x 60 cm

STRIP HEIGHT
7.2 cm

STRIP THICKNESS
2.5 cm

GAP BETWEEN BAFFLES
5 cm

THICKNESS OF BAFFLES
12 mm

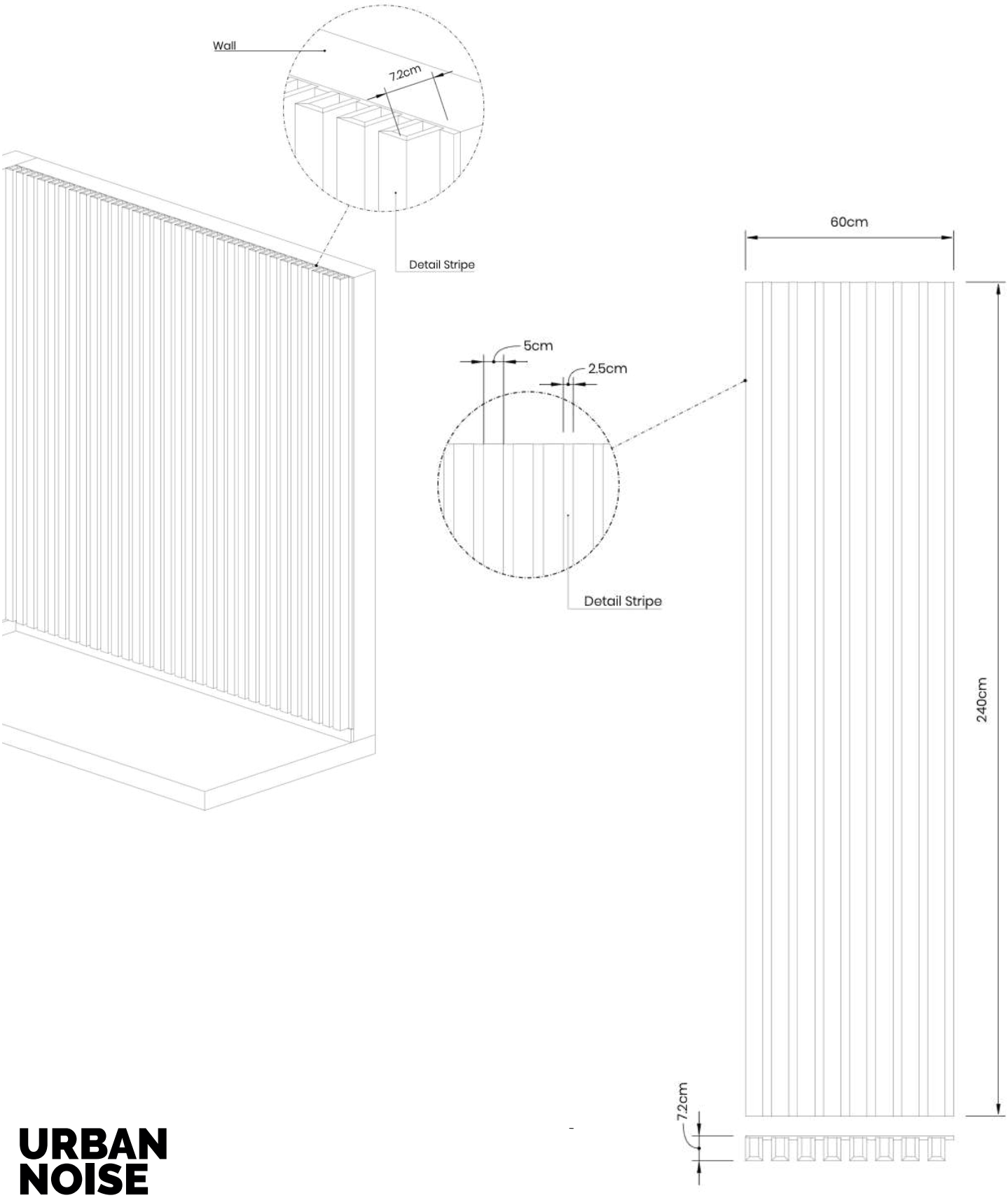
MATERIALS AND COLORS

MATERIALS
Polyester Fiber: 100% made from recycled PET

COLORS
As per client and project needs.

URBAN NOISE CONTROL

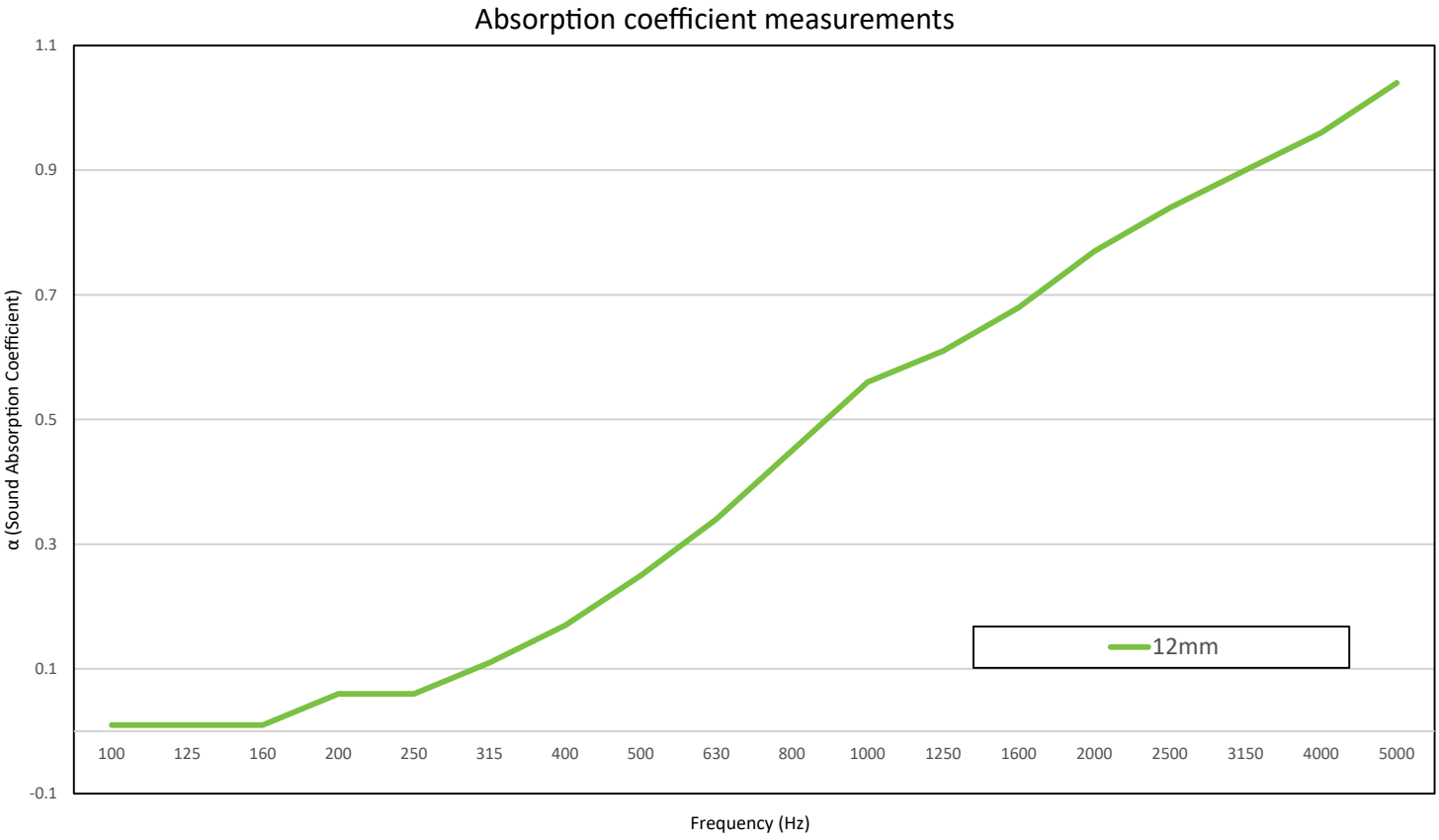
STANDARD DIMENSIONS AND TYPES



SOUND ABSORPTION

MODULAR PET MATERIAL

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



Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
as 12mm	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		

URBAN
NOISE
CONTROL