

PETAC[®]

ECOUSTIC PANELS

TECHNICAL SPECIFICATIONS

PRODUCT CHARACTERISTICS

PETAC is a stable and decorative acoustic panel, which is lightweight and therefore easy to handle and install.

The panels are made of pressed polyester wool consisting mainly of fibres from recycled PET bottles, and are 100% recyclable after use.

The standard PETAC[®] panels are pressed to appr 3.000 gr/sqm and a thickness of 12 or 24 mm.

The hardness of the material makes it suitable for the production of acoustic baffles, desk- and roomdividers, slats or linear ceiling and ceiling islands.

Also acoustic furniture components and cupboard doors can be made when the PETAC[®] is pressed to even 4.000 gr/sqm and a thickness of 18 mm.

	W x H	THICKNESS
PETAC standard dimensions	1.200 x 2.750 mm	12 mm, 18 mm and 24 mm
PETAC panels on demand	Max 3.000 x 2.000 mm	Max 40 mm

PETAC®

PETAC panels are available in 5 standard colors:

Frost (white) – Marble (light grey) – Silver (grey) – Titan (dark grey) – Midnight (black)

TECHNICAL PROPERTIES

- Sound absorbing according to ISO354 (Reverberation room)
- Fire retardant and low flammability
 - B1 according to DIN4102
 - Class B-s2, d0 according to EN 13501-1
- Not irritating to skin and eyes according to Reports 10061 and 10062
- No mold possible (PET fibers)

ECOLOGICAL PROPERTIES

- Recyclable (100% PET)
- Öko-Tex 100 environmental label class 1 (ISO 17050-1) – report no. 1596
- No VOC or formaldehyde emissions: Class A + (ISO 16000) report no. 72153D
- Polyester fibers up to a maximum of 50% from recycled PET bottles.



ACOUSTIC VALUES

- Sound absorbing according to ISO354 (Reverberation room)
- PETAC achieves the very best acoustic absorption values of up to 1.00 α_w , depending on the installation method.

THICKNESS	α_w	CLASS	THICKNESS	α_w	CLASS
12 mm	0.25	E	24 mm	0.50	D
12 mm with 50 mm airgap	0.75	C	24 mm with 50 mm airgap	0.85	B
12 mm with 50 mm mineral ClimaWool	0.95	A	24 mm with 50 mm mineral ClimaWool	1.00	A

WWW.PETAC.BE | INFO@PETAC.BE

Beversesteenweg 618
8800 Roeselare
T +32 51 437 189