



POLYESTER FIBER ACOUSTIC PANEL

PETACOUSTICSOLUTION

Block the Noise · Embrace the Quiet

OVERVIEW

INTRODUCTION

Discover the limitless design flexibility of our Polyester Fiber Acoustic Panel — a lightweight, semi-rigid panel with outstanding sound-absorbing properties. Designed with solid colour throughout the full thickness, it can be deployed across a wide array of spatial and interior solutions. More than a traditional acoustic panel, it serves as a creative base material where design and aesthetics matter as much as performance.

Made from 100% polyester fiber with a minimum of 75% post-consumer recycled content (PET bottle-flake), this panel is completely safe, non-toxic, non-allergenic, and non-irritant — suitable for any occupied environment.

SPECIFICATIONS

TECHNICAL DETAILS

PRODUCT TYPE	MATERIAL
12mm PET Fibre Panel	100% Polyester Fiber
RECYCLED CONTENT	STANDARD SIZE
Min. 75% Post-Consumer	1220 × 2440 mm
THICKNESS	COLORS AVAILABLE
12 mm	41 Colors + Custom
SURFACE TYPE	CHEMICALS
Smooth — 5 Year Life	No Red List Chemicals

ACOUSTIC DATA

Configuration	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	NRC
12mm Direct Fixing	0.05	0.12	0.20	0.43	0.69	0.82	0.99	1.05	0.45
12mm + 50mm Void Gap	0.11	0.24	0.46	0.61	0.85	0.89	0.98	1.09	0.70
12mm + 400mm Void Gap	0.67	0.90	0.79	0.87	0.92	1.03	1.14	1.36	0.90

NRC = Noise Reduction Coefficient. Higher void gap significantly improves low-frequency absorption.

KEY ADVANTAGES

FEATURES



ACOUSTICAL INSULATION

Outstanding sound dampening delivering a clear and comfortable auditory atmosphere.



FIRE RATED

Complies with building fire codes — Class A rating per ASTM E84 for maximum safety.



ECO-FRIENDLY & RECYCLED

Min. 75% post-consumer PET bottle-flake. No VOC emissions, no Red List chemicals.



PREMIUM TACTILE FEEL

100% polyester fiber provides a soft, luxurious surface texture pleasant to touch.



TACKABLE SURFACE

Pinnable surface with superior holding — perfect for offices and meeting rooms.



DURABLE & STABLE

Impact resistant — will not deteriorate, rot, or change colour over time.

WHERE IT'S USED

APPLICATIONS

- COMMERCIAL SPACES
- OFFICES
- MEETING ROOMS
- THEATRES & HOME CINEMAS
- RECORDING STUDIOS
- RESTAURANTS & LIBRARIES
- RESIDENTIAL