Essential 12 × 48 in · 1 in

AP-ES1248-1S · Essential collection



Front view, to scale. Depth 1 in (2.5 cm).

NRC	**0.80**
SIZE	**12 × 48 in**
THICKNESS	**1 in**
FACE AREA	**4.0 ft²**
FABRIC	**Acoustic polyester**
COLOR	**Graphite**
MOUNTING	**Wall, Z-clips**
PRICE	**$58 CAD each**

Our everyday rectangle: a rigid mineral wool core in a wood frame, wrapped edge to edge in acoustic polyester with crisp square corners. Best for: Offices, living rooms, classrooms.

Construction

Part	Specification
Core	Rigid mineral wool, 6 lb/ft3 (96 kg/m3), 1 in thick
Frame	Kiln-dried wood perimeter frame; edges hardened with resin
Face	Acoustic polyester, acoustically transparent, stretched and wrapped to the back. Our standard acoustically transparent woven polyester. Class A fire rated, fade resistant and easy to vacuum.
Surface	Flat
Edge	Square edge
Mounting	Wall, Z-clips, hardware included
Approx. weight	3 lb
Tolerance	± 1/8 in on width and height

Sound absorption

Tested to ASTM C423, Type A mounting (directly on the wall). Suspended clouds and baffles with an air gap absorb more at low frequencies.

125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	NRC
0.08	0.31	0.79	1.01	1.03	1.05	0.80

Fire and environment

- Surface burning: Class A per ASTM E84 (flame spread 25 or less, smoke developed 450 or less) for the core and standard fabrics. Ask for the fabric test report for Acoustic polyester.
- Mineral wool core is non-combustible and contains recycled content.
- Vacuum with a soft brush; spot clean with a mild water-based cleaner.

Installation

Mounts flat to the wall on two interlocking Z-clips. Screw the wall clip into studs or rated anchors, level it, and lift the panel onto it.

Full instructions: installation guide (PDF) at www.acousticpanels.ca/pdf/installation.php