Blade Felt 48 × 18 in · 1 in

AP-BL4818-1SF · Blade collection



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

NRC	**0.75**
SIZE	**48 × 18 in**
THICKNESS	**1 in**
FACE AREA	**6.0 ft²**
FABRIC	**Recycled PET felt**
COLOR	**Charcoal**
MOUNTING	**Hanging baffle, vertical**
PRICE	**$111 CAD each**

A straight vertical baffle that hangs on its edge, absorbing on both faces. Run them in rows across exposed ceilings. Best for: Gyms, open offices, atriums, warehouses.

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	Recycled PET felt, acoustically transparent, stretched and wrapped to the back. A dense felt face made from recycled bottles. Matte, slightly textured and tough enough for schools and gyms.
Surface	Flat
Edge	Square edge
Mounting	Hanging baffle, vertical, hardware included
Approx. weight	4.5 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
0.03	0.26	0.74	0.96	0.98	1.00	0.75

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 Recycled PET felt.
- Mineral wool core is non-combustible and contains recycled content.
- Vacuum with a soft brush; spot clean with a mild water-based cleaner.

Installation

Hangs vertically from two cables. Space rows 24 to 48 in apart, perpendicular to the main sound path. Fix cables to structure, never to ductwork or sprinkler pipes.

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