

PolyPhon™ Polyester Acoustic Panels



TECHNICAL CHARACTERISTICS

SIZE: 2' x 4', 4' x 8'

THICKNESS: 1", 2"

MATERIAL: 100% Polyester Fiber
(60% PET-Recycled Fiber,
40% PET Virgin Fiber)

DENSITY: **(1")** 7 pounds per cubic foot
(2") 5 pounds per cubic foot

COLORS: White, Beige

FIRE RESISTANCE: Class 1 per ASTM E 84

NRC: 0.70, 0.90, 0.95

MOUNTING: Construction adhesive and/or mechanical fasteners as appropriate (Installation hardware to be provided by installer)

FEATURES

- Formaldehyde free
- No chemical irritants
- Odor and dust free
- 60% recycled content / 100% recyclable
- Impact resistant / Tack-able

DESCRIPTION

Our PolyPhon™ Polyester Acoustic Panels are sound absorbing panels developed with environmental friendliness in mind. The panels are made from 100% polyester, 60% recycled fiber, and are 100% recyclable. PolyPhon™ Panels offer many environmental advantages and are a good alternative to a traditional fabric wrapped fiberglass panel.

PolyPhon™ Polyester offers sound absorption ratings that are completely comparable to fiberglass acoustical board. The core material is durable enough to withstand the force of a basket ball, yet may be pierced by a thumb tack for use as a tack board. The abuse resistant polyester is an excellent choice for use high traffic areas in athletic facilities, offices, schools, multipurpose rooms and just about anywhere.

SOUND ABSORPTION PER ASTM C 423-09								
Thickness	Test Type	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	Type A	0.08	0.20	0.59	0.94	1.04	1.02	0.70
1"	Type E400	0.44	0.80	0.73	0.99	1.00	0.97	0.90
2"	Type A	0.31	0.58	1.08	1.11	1.04	1.04	0.95