

POLYPHON™ POLYESTER ACOUSTIC PANELS DATA SHEET



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 RATING: Class 1 per ASTM E84

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 basketball, yet may be pierced by a thumb tack for use as a tack board. The abuse resistant polyester is an excellent choice for use in high traffic areas in athletic facilities, offices, schools, multipurpose rooms and just about anywhere.

SOUND ABSORBING PERFORMANCE								
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

