

# PolyPhon™ Polyester Acoustic Panels



## 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 high traffic areas in athletic facilities, offices, schools, multipurpose rooms and just about anywhere.

## Features

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

## Mounting

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

## Technical Characteristics

<b>Size:</b>	2' x 4'   4' x 8'
<b>Thickness:</b>	1"   2"
<b>Material:</b>	100% Polyester Fiber (60% PET-Recycled Fiber, 40% PET Virgin Fiber)
<b>Density:</b>	7 lbs / ft <sup>3</sup> (1")   5 lbs / ft <sup>3</sup> (2")
<b>Colors:</b>	White   Beige
<b>Fire Resistance:</b>	Class 1 per ASTM E843
<b>NRC:</b>	0.70   0.90   0.95 (see chart)

## Sound Absorbing Performance

Thickness	Mount	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

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