

## ALPHASORB® POLYESTER CORE ACOUSTIC PANEL TECHNICAL DATA SHEET



### TECHNICAL CHARACTERISTICS

<b>SIZE:</b>	Up to 4' x 8'
<b>THICKNESS:</b>	1"
<b>DENSITY:</b>	7.5 lb. / cu. ft. polyester
<b>FINISH:</b>	Choice of 6 fabrics
<b>EDGE STYLE:</b>	Square
<b>EDGE TYPE:</b>	Natural   Hardened
<b>MOUNTING:</b>	Z-Clips   Rotofast for walls or clouds
<b>FIRE RATING:</b>	Class 1 or A per ASTM E84
<b>NRC:</b>	0.80
<b>COUNTRY OF MANUFACTURE:</b>	USA

### DESCRIPTION

AlphaSorb® Polyester Core Acoustic Panels are the latest innovation in sustainable sound absorption solutions. These high-performance polyester fiber acoustic panels offer great sound absorption and acoustic performance. They use eco-friendly materials, making them a perfect choice for any eco-conscious project..

Each panel features our popular 1" thick PolyPhon™ sound absorbing core. Our PolyPhon™ core is 100% polyester, made with 60% recycled, formaldehyde-free, PET polyester fibers, and is fully recyclable. These are great polyester acoustic panels for anyone wanting to lower their environmental impact while reducing noise and echo.

Fabric-wrapped in cutting-edge lines made by Duvaltex/Guilford of Maine, the Ease, Expanse, Marin, Purpose, Resolve, and FR701® fabric collections utilize recycled and biodegradable materials, providing stylish options while promoting environmental responsibility. Our fabrics not only reduce waste but also contribute to a healthier planet by utilizing sustainable materials.

SOUND ABSORPTION							
Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.05	0.26	0.67	0.92	1.03	1.09	0.80

