



# ACOUSTIC PANELS: SPECIFICATIONS

# FABRIC ACOUSTIC PANELS: SPECIFICATIONS

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<b>CONTENT</b>	Acoustic substrate: P.E.T. 10% - 30%, Recycled Cotton 70% - 90% Fabric: Recycled Polyester
<b>COMPONENTS</b>	Acoustic Substrate, Fabric Cover
<b>THICKNESS</b>	1-1/2"
<b>THICKNESS TOLERANCE</b>	+1/4"
<b>SIZES</b>	2' x 4'
<b>FINISH OPTIONS</b>	Fabric
<b>EDGE STYLE</b>	Straight
<b>APPLICATION</b>	Indoor Wall
<b>INSTALLATION</b>	Audimute Hanging Tab, Construction Adhesive, Mechanical Lock
<b>HANDLING / CARE</b>	When handling panels, make sure hands are clean and oil free. Vacuuming or light brushing is recommended to prevent dust and soil buildup.
<b>STORAGE</b>	Acoustic Panels must be stored in a dry place. Delivery Packaging is not ideal for storage purposes. It is advised to place a polyethylene cover over the stack when packaging is removed, to reduce moisture absorption. It is recommended that panels be stored horizontally. It is recommended that panels should not be stacked. It is strongly recommended to avoid storage longer than 6 months. Do not allow water to come into direct contact with the material during storage. Store in a cool dry space 55°F - 85°F.
<b>FIRE RATING</b>	ASTM E84 Class A. The acoustic fabric finishes also receive a NFPA 260 Class I rating.
<b>COLOR FASTNESS TO LIGHT</b>	Grade 4 min. at 40 hours
<b>COLOR FASTNESS TO CROCK</b>	Grade 4 min. dry & Grade 3 min. wet
<b>ACOUSTIC RATING</b>	NRC: 0 .95

WhisperRoom has partnered with Audimute to provide superior acoustic solutions for our clients. Any support or questions should be directed to WhisperRoom.

# 1.5" ACOUSTIC PANELS: ACOUSTIC TESTING

## Acoustic Panels Test Report

The test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL-A17-297 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.

FREQUENCY (HZ)	ABSORPTION COEFFICIENT
100	0.13
125	0.23
160	0.29
200	0.43
250	0.62
315	0.87
400	0.96
500	1.04
630	1.07
800	1.09
1000	1.11
1250	1.14
1600	1.10
2000	1.10
2500	1.09
3150	1.06
4000	1.07
5000	1.06

