



# Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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We Identify and **S.T.O.P.** Your Noise Problems

Filename

Test#1 - 1 PEPP

## ASTM C423 – Sound Absorption

Project Folder Client

0251389 Acoustical Surfaces

Product Model # Quantity Comment

Absorption Material 1 1" PEPP

Sample Size – Wt

95.0 in x 95.5 in x – 0 lbs.

Sample Description #

8 Panels – 1" PEPP Arranged in 2 x 4 Fashion :

Time Stamp

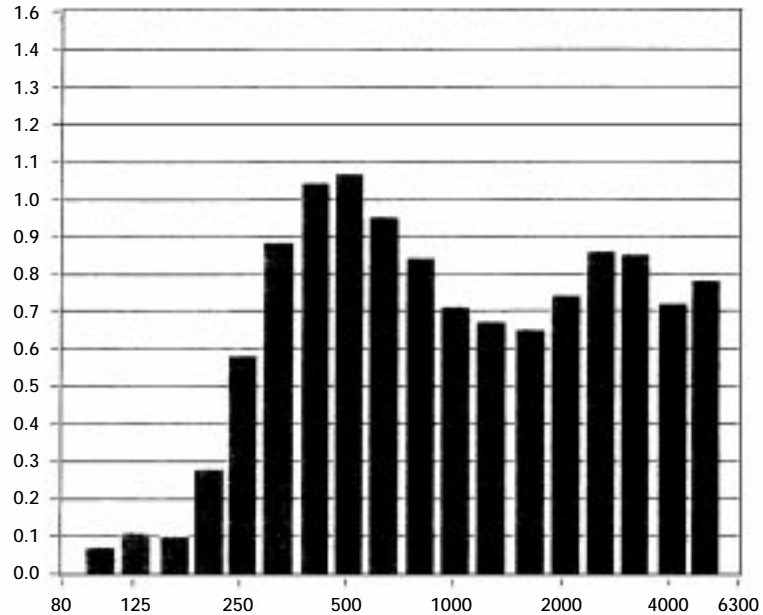
Wed. Oct. 30, 2002 – 9:11 AM

Total Sample Area 63.0 ft<sup>2</sup>

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.02	1.32
125	0.05	3.00
160	0.02	1.57
200	0.05	3.10
250	0.06	3.95
315	0.10	6.09
400	1.14	8.68
500	0.21	13.08
630	0.30	18.94
800	0.50	31.20
1000	0.80	50.28
1250	1.02	64.16
1600	0.89	56.00
2000	0.65	40.90
2500	0.55	34.48
3150	0.60	37.59
4000	0.75	47.39
5000	0.71	44.78

Absorption Coefficient

### Sound Absorption Coefficients



Temp (\*C) R.H. (%) ATM (mbar)

22.0 63 990

\*Total absorption based on 63.0 ft<sup>2</sup>

$$SAA = 0.44 \quad NRC = 0.45$$