



# 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#4-2 PEPP

## ASTM C423 – Sound Absorption

Project Folder

Client

Product

Model #

Quantity

Comment

Acoustical Surfaces

Absorption Material

1

2" PEPP, with 1" bonded pad

Sample Size – Wt

Sample Description #

95.0 in x 95.5 in x – 0 lbs.

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

Time Stamp

Wed. Oct. 30, 2002 – 10:07 AM

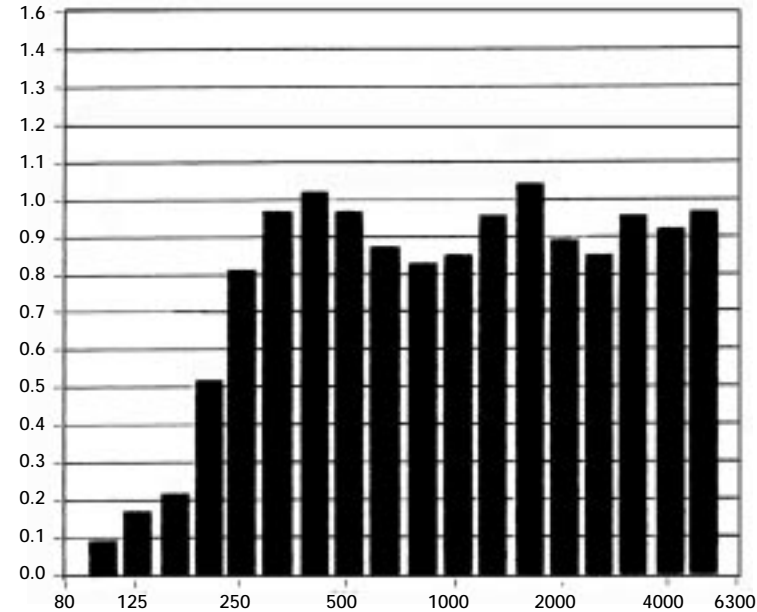
Total Sample Area

63.0 ft<sup>2</sup>

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.09	5.75
125	0.17	10.61
160	0.22	13.61
200	0.52	32.74
250	0.81	50.80
315	0.97	60.87
400	1.02	64.54
500	0.97	60.83
630	0.87	54.82
800	0.83	52.42
1000	0.85	53.73
1250	0.96	60.74
1600	1.04	65.54
2000	0.89	56.02
2500	0.85	53.75
3150	0.96	60.33
4000	0.92	58.00
5000	0.97	61.10

Absorption Coefficient

Sound Absorption Coefficients



2" PEPP  
 Tested  
 with 1"  
 BAP  
 Backer

Temp (\*C)

R.H. (%)

ATM (mbar)

22.0

63

990

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

$$SAA = 0.88 \quad NRC = 0.90$$