



# 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#2 - 1 PEPP

**Project Folder**

**Client**

Acoustical Surfaces

**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 : with 1" Bonded pad below PEPP. :

**Time Stamp**

Wed. Oct. 30, 2002 - 9:30 AM

## ASTM C423 - Sound Absorption

**Product**

Absorption Material

**Model #**

**Quantity**

1

**Comment**

1" PEPP, with 1" bonded pad

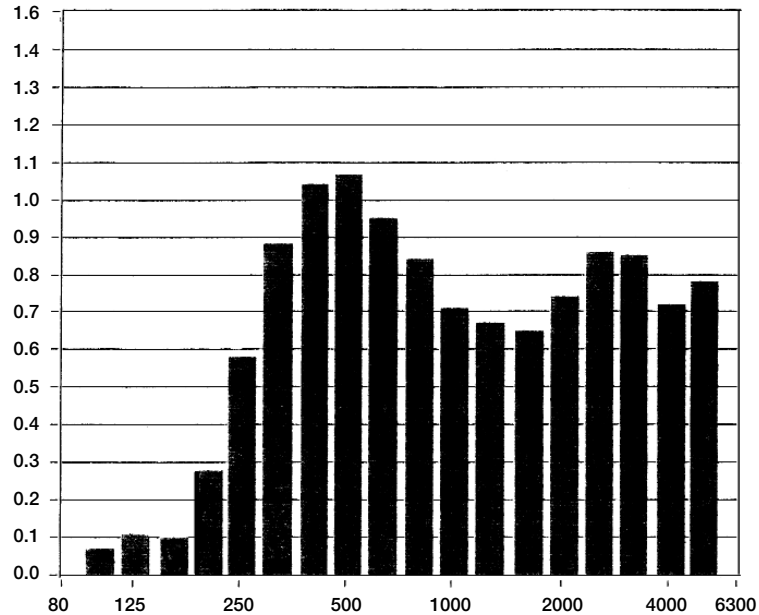
**Total Sample Area**

63.0 ft<sup>2</sup>

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.07	4.38
125	0.11	7.23
160	0.10	6.10
200	0.28	17.64
250	0.58	36.82
315	0.88	55.16
400	1.04	65.32
500	1.07	67.38
630	0.95	59.74
800	0.84	52.79
1000	0.71	44.99
1250	0.67	42.02
1600	0.65	41.01
2000	0.74	46.57
2500	0.86	54.32
3150	0.85	53.55
4000	0.72	45.31
5000	0.78	49.26

Absorption Coefficient

### Sound Absorption Coefficients



**1" PEPP  
 Tested  
 with 1"  
 BAP  
 Backer**

**Temp (\*C)**

22.0

**R.H. (%)**

63

**ATM (mbar)**

990

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

**SAA = 0.77    NRC = 0.80**