Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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

ASTM C423 – Sound Absorption

Filename	Project Folder	Client	Product	Model #	Quantity	Comment
Test#8-1 PEPP		Acoustical Surfaces	Absorption Material		1	1" PEPP, 12" spacing

Sample Size – Wt	Sample Description #	Type A Mounting
95.0 in x 95.5 in x – 0 lbs.	8 Panels – 1" PEPP Arranged in 2 x 4 Fashion : with 12" spacing between all panels :	

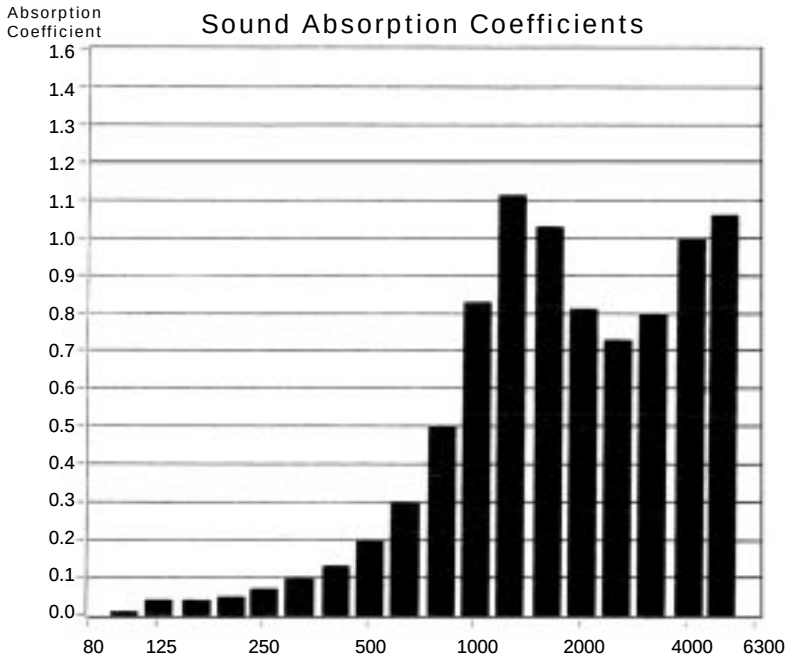
Time Stamp: Wed. Oct. 30, 2002 – 11:32 AM

Total Sample Area: 63.0 ft²

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.01	0.49
125	0.04	2.65
160	0.04	2.34
200	0.05	3.39
250	0.07	4.48
315	0.10	6.16
400	0.13	8.35
500	0.20	12.85
630	0.30	18.79
800	0.50	31.67
1000	0.83	52.55
1250	1.11	69.95
1600	1.03	64.97
2000	0.81	50.86
2500	0.73	46.27
3150	0.80	50.40
4000	1.00	63.05
5000	1.06	66.56

Temp (*C)	R.H. (%)	ATM (mbar)
22.0	63	990

*Total absorption based on 63.0 ft²



SAA = 0.49 NRC = 0.50