



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#11 - AS

ASTM C423 – Sound Absorption

Project Folder

Client

Acoustical Surfaces

Product

Absorption Material

Model #

Quantity

1

Comment

Sample Size – Wt

34.0 in x 34.0 in x – 0 lbs.

Sample Description #

Test #11, 6" x 4' x 2", 4-panels, floor coverage = 8 sq-ft, arrangement #11, 18" spacing between panels, 6 pcf :
 A-mounting, Clear Voice Panels :

Time Stamp

Thu, Sep 12, 2002 – 12:14 PM

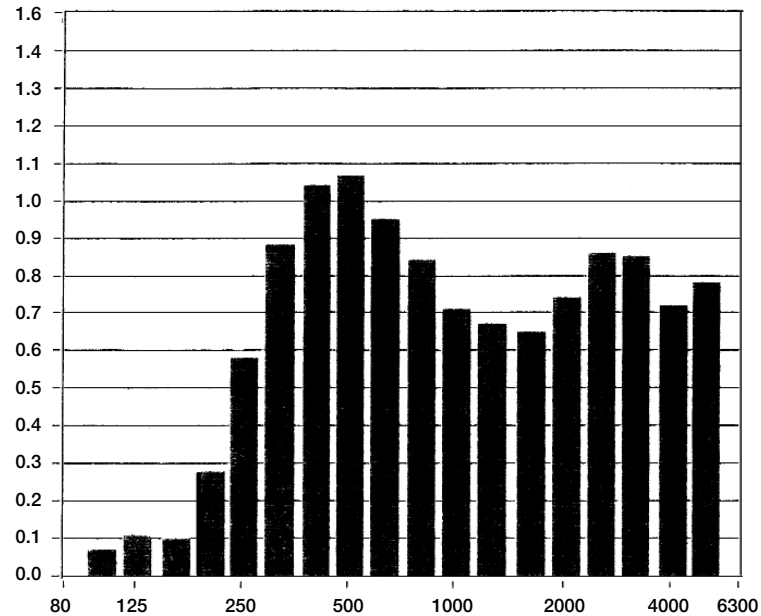
Total Sample Area

8.0 ft²

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.13	-1.01
125	0.18	1.43
160	0.33	2.66
200	0.50	4.01
250	0.01	8.12
315	0.41	11.30
400	1.89	15.17
500	2.13	17.10
630	2.29	18.40
800	1.96	18.38
1000	1.96	15.75
1250	1.96	15.70
1600	1.80	14.41
2000	1.62	12.99
2500	1.61	12.95
3150	1.50	12.03
4000	1.43	11.48
5000	1.61	12.94

Absorption Coefficient

Sound Absorption Coefficients



Temp (*C)

23.0

R.H. (%)

63

ATM (mbar)

990

*Total absorption based on 8.0 ft²

SAA = 0.71 NRC = 1.70