



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318
(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com
Visit our Website: www.acousticalsurfaces.com

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



SOUND ABSORPTION ASTM C423

ATI No.		01-34114.01-2				
Rendered by Manufacturer for:		Acoustical Surfaces Inc. 123 Columbia Court North, Chaska, MN 55318				
Specimen		1" ARPRO Porous Expanded Polypropylene PEPP				
Specimen Area		71.80 Sq. Ft.		Mounting Type A		
Operator		Eric J. Miller				
		Empty Room 10-Feb-99		Full Room 10-Feb-99		
Temp F	70.5			69.3		
RH%	66.8			64.5		
Freq (HZ)	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption Coefficient	Uncertainty
50	42.74	0.008	49.32	0.113	0.09	0.002
63	45.94	0.014	49.32	0.342	0.05	0.005
80	45.44	0.569	48.30	0.144	0.04	0.008
100	49.99	0.022	55.51	0.213	0.08	0.003
125	43.69	0.144	45.36	0.507	0.02	0.007
160	39.38	0.234	44.15	0.044	0.07	0.003
200	43.73	0.028	48.84	0.373	0.07	0.005
250	45.59	0.122	48.13	0.126	0.04	0.002
315	43.02	0.195	47.88	0.133	0.07	0.003
400	45.48	0.231	52.83	0.126	0.10	0.004
500	45.73	0.017	56.07	0.031	0.14	0.000
630	48.12	0.093	61.46	0.083	0.19	0.002
800	50.16	0.095	73.32	0.238	0.32	0.004
1000	55.00	0.039	93.40	0.078	0.53	0.001
1250	62.06	0.123	126.78	0.214	0.90	0.003
1600	66.83	0.093	130.04	0.248	0.88	0.004
2000	69.87	0.151	113.71	0.246	0.61	0.004
2500	83.68	0.188	112.77	0.089	0.41	0.003
3150	99.71	0.094	134.50	0.200	0.48	0.003
4000	121.47	0.024	162.44	0.043	0.57	0.001
5000	154.62	0.021	197.16	0.082	0.59	0.001
6300	202.66	0.141	252.21	0.200	0.69	0.003
8000	275.66	0.158	330.73	0.216	0.77	0.004
Exact NRC Rating		0.331				
Exact SAA Rating		0.355				
NRC Rating		0.35				
SAA Rating		0.35				



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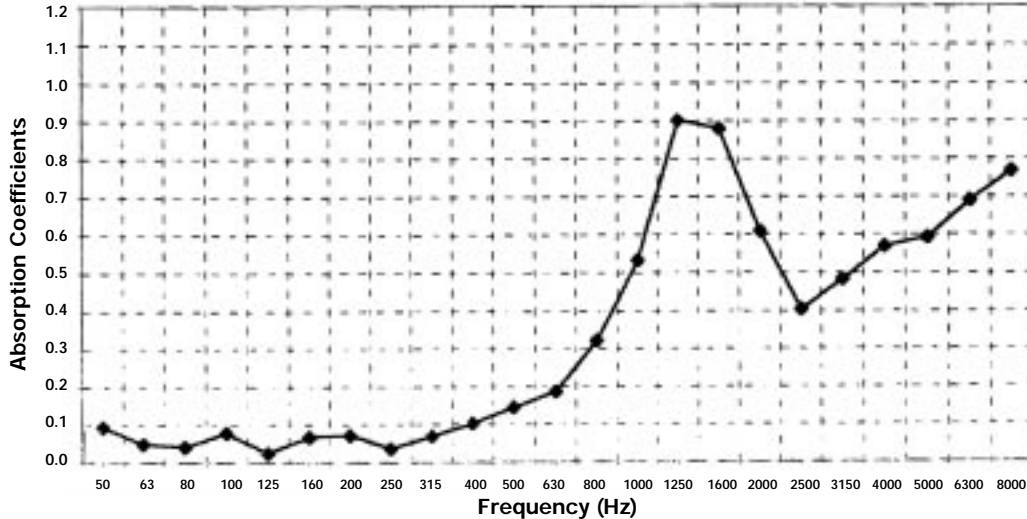


ATI No.
 By Manufacturer for:

01-34114.01-2
 Acoustical Surfaces Inc.
 123 Columbia Court North, Chaska, MN 55318
 1" ARPRO Porous Expanded Polypropylene PEPP
 71.80 Sq. Ft. Mounting Type A
 Eric J. Miller

Specimen
 Specimen Area
 Operator

Sound Absorption Coefficients



Sound Absorption - Empty vs. Full

