



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.		01-34114.01-8				
Rendered by Manufacturer for:		Acoustical Surfaces Inc. 123 Columbia Court North, Chaska, MN 55318				
Specimen		3/4" ARPRO Porous Expanded Polypropylene PEPP				
Specimen Area		72.00 Sq. Ft.		Mounting Type E400		
Operator		Todd D. Kister				
Empty Room 10-Feb-99			Full Room 11-Feb-99			
Temp F	70.5			69.2		
RH%	66.8			66.9		
Freq (Hz)	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption Coefficient	Uncertainty
50	42.74	0.008	63.80	0.487	0.29	0.007
63	45.94	0.014	70.00	1.330	0.33	0.018
80	45.44	0.569	66.69	0.690	0.30	0.012
100	49.99	0.022	83.67	0.015	0.47	0.000
125	43.69	0.144	88.96	0.611	0.63	0.009
160	39.38	0.234	84.63	0.088	0.63	0.003
200	43.73	0.028	93.47	0.461	0.69	0.006
250	45.59	0.122	86.32	0.147	0.57	0.003
315	43.02	0.195	80.39	0.201	0.52	0.004
400	45.48	0.231	77.09	0.302	0.44	0.005
500	45.73	0.017	71.31	0.215	0.36	0.003
630	48.12	0.093	79.21	0.146	0.43	0.002
800	50.16	0.095	79.45	0.077	0.41	0.002
1000	55.00	0.039	80.85	0.019	0.36	0.001
1250	62.06	0.123	86.33	0.235	0.34	0.004
1600	66.83	0.093	93.88	0.243	0.38	0.004
2000	69.87	0.151	99.43	0.150	0.41	0.003
2500	83.68	0.188	118.18	0.059	0.48	0.003
3150	99.71	0.094	145.95	0.230	0.64	0.003
4000	121.47	0.024	171.98	0.057	0.70	0.001
5000	154.62	0.021	202.25	0.083	0.66	0.001
6300	202.66	0.141	249.02	0.224	0.64	0.004
8000	275.66	0.158	328.33	0.183	0.73	0.003
Exact NRC Rating		0.423				
Exact SAA Rating		0.448				
NRC Rating		0.40				
SAA Rating		0.45				



Accredited by the National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program for the specific test methods under lab code 200361. The laboratory's accreditation or test report in no way constitutes or implies product certification, approval, or endorsement by NIST. This test report applies only to the specimen that was tested.

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
- Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
- Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
- OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted



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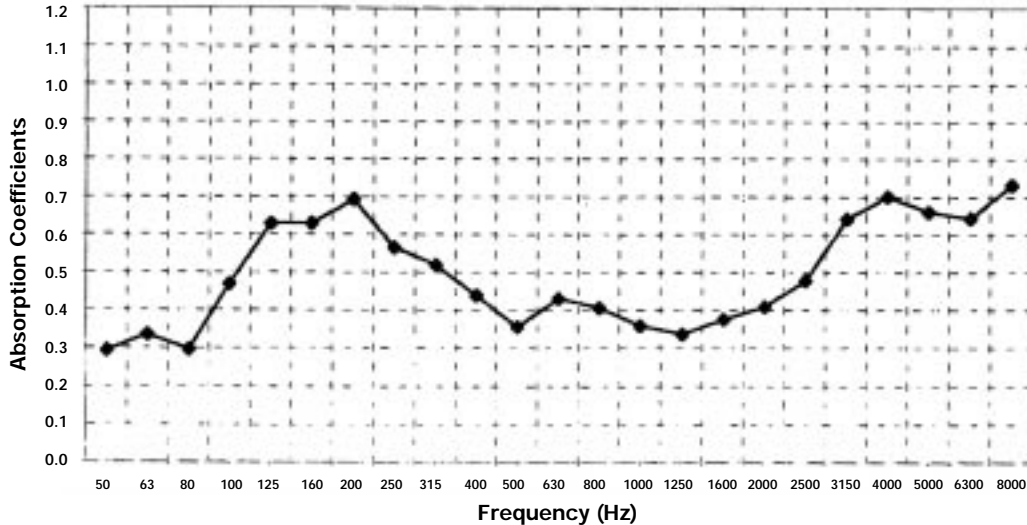
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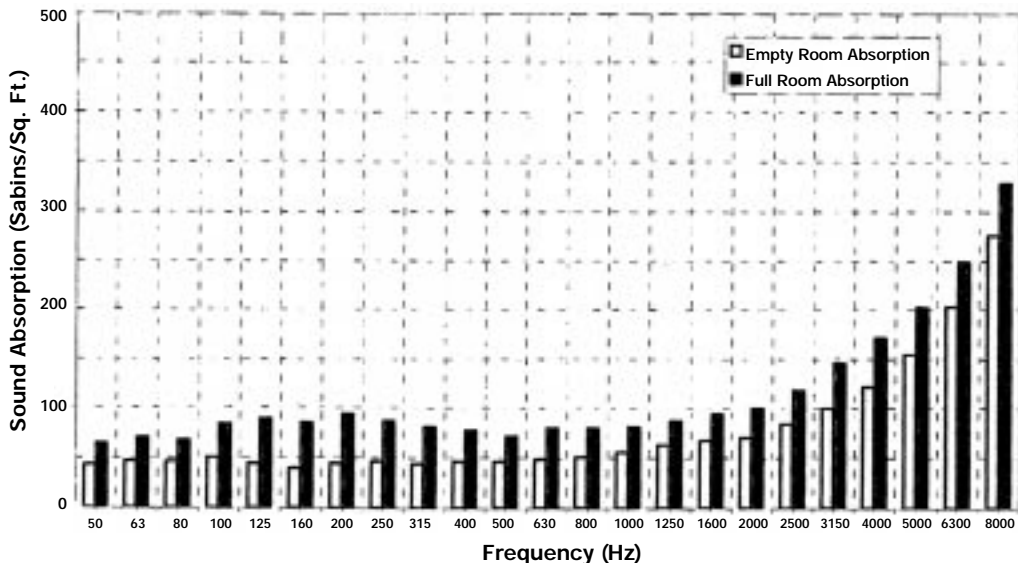
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By Manufacturer for:

01-34114.01-8
Acoustical Surfaces Inc.
123 Columbia Court North, Chaska, MN 55318
3/4" ARPRO Porous Expanded Polypropylene PEPP
72.00 Sq. Ft. Mounting Type E400
Operator
Todd D. Kister

Sound Absorption Coefficients



Sound Absorption - Empty vs. Full



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