



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.		01-34114.01-6				
Rendered by Manufacturer for:		Acoustical Surfaces Inc. 123 Columbia Court North, Chaska, MN 55318				
Specimen		2" ARPRO Porous Expanded Polypropylene PEPP				
Specimen Area		53.13 Sq. Ft.		Mounting Type K		
Operator		Todd D. Kister				
Empty Room 10-Feb-99			Full Room 10-Feb-99			
Temp F	70.5			69.1		
RH%	66.8			63.5		
Freq (HZ)	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption (Sabins/Sq. Ft.)	Uncert	Absorption Coefficient	Uncertainty
50	42.74	0.008	54.82	0.131	0.23	0.002
63	45.94	0.014	49.02	0.214	0.06	0.004
80	45.44	0.569	57.52	0.649	0.23	0.016
100	49.99	0.022	58.70	0.015	0.16	0.001
125	43.69	0.144	50.94	0.171	0.14	0.004
160	39.38	0.234	51.43	0.404	0.23	0.009
200	43.73	0.028	59.02	0.385	0.29	0.007
250	45.59	0.122	58.83	0.001	0.25	0.002
315	43.02	0.195	56.76	0.044	0.26	0.004
400	45.48	0.231	59.33	0.102	0.26	0.005
500	45.73	0.017	61.58	0.003	0.30	0.000
630	48.12	0.093	62.85	0.085	0.28	0.002
800	50.16	0.095	71.95	0.083	0.41	0.002
1000	55.00	0.039	80.06	0.026	0.47	0.001
1250	62.06	0.123	91.70	0.202	0.56	0.004
1600	66.83	0.093	92.75	0.101	0.49	0.003
2000	69.87	0.151	93.09	0.136	0.44	0.004
2500	83.68	0.188	109.25	0.179	0.48	0.005
3150	99.71	0.094	128.63	0.168	0.54	0.004
4000	121.47	0.024	152.75	0.152	0.59	0.003
5000	154.62	0.021	191.18	0.059	0.69	0.001
6300	202.66	0.141	245.78	0.235	0.81	0.005
8000	275.66	0.158	325.06	0.151	0.93	0.004
Exact NRC Rating		0.364				
Exact SAA Rating		0.373				
NRC Rating		0.35				
SAA Rating		0.35				



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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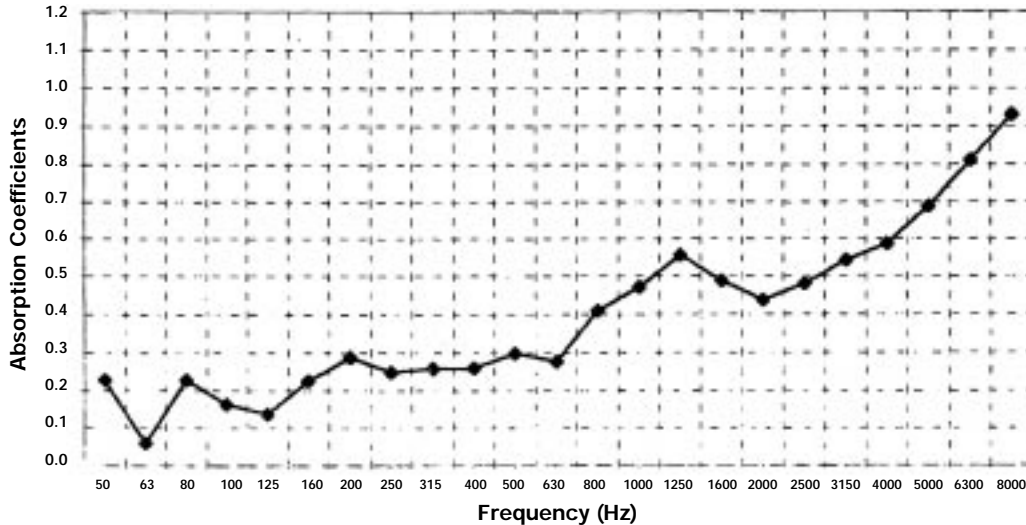


ATI No.
 By Manufacturer for:

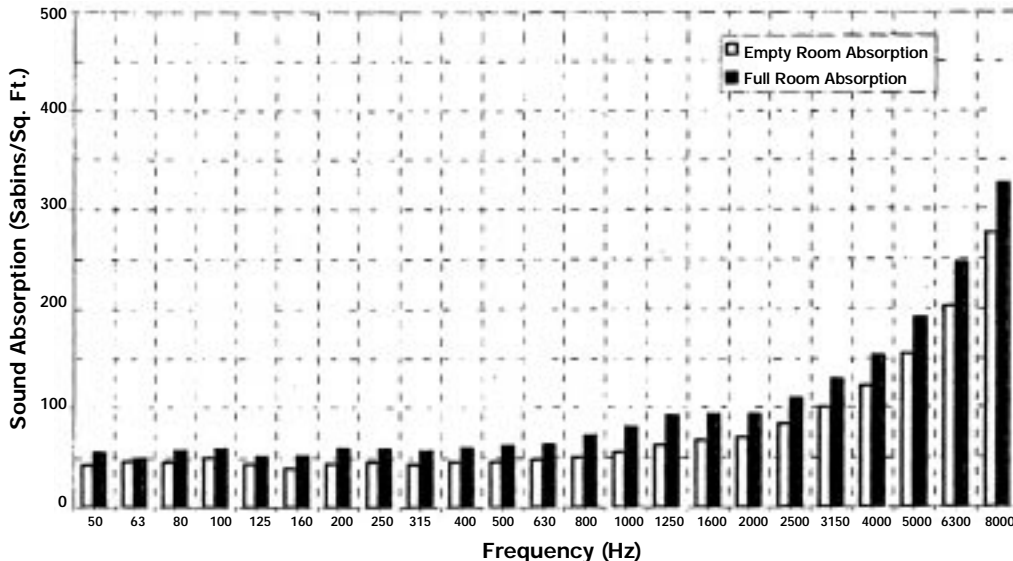
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 Acoustical Surfaces Inc.
 123 Columbia Court North, Chaska, MN 55318
 2" ARPRO Porous Expanded Polypropylene PEPP
 53.13 Sq. Ft. Mounting Type K
 Todd D. Kister

Specimen
 Specimen Area
 Operator

Sound Absorption Coefficients



Sound Absorption - Empty vs. Full



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