



# 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

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Visit our Website: [www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)


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

**ARCHITECTURAL  
TESTING INC.**

## SOUND ABSORPTION ASTM E90

ATI No.	01-34115.01-6		Date	02/11/99					
Rendered by Manufacturer and Released to: Acoustical Surfaces, Inc.									
Specimen	1" ARPRO PEPP	123 Columbia Court N.							
Specimen Area	24.00 Sq Ft	Chaska, MN 55318							
Filler Area	116.00 Sq Ft								
Operator	Eric J. Miller								
	<b>Bkgrd</b>	<b>Absorp</b>	<b>Source</b>	<b>Receive</b>	<b>Filler</b>	<b>Specimen</b>			
Temp F	70.0	69.7	71.9	69.5	85.7	70.3			
RH %	63.3	63.6	64.8	63.8	68.2	63.9			
<b>Freq (Hz)</b>	<b>Bkgrd SPL (dB)</b>	<b>Absorp (Sabines /Sq Ft)</b>	<b>Source SPL (dB)</b>	<b>Receive SPL (dB)</b>	<b>Filler TL (dB)</b>	<b>Specimen TL (dB)</b>	<b>95% Conf Limit</b>	<b>No. of Deficiencies</b>	<b>Trans Coef Diff</b>
80	43.0	63.4	80.0	71.3	32.9	4	2.60	0	21.6
100	44.2	61.2	84.2	71.8	36.5	8	2.41	0	21.4
125	41.2	60.9	87.4	77.6	44.2	6	2.07	0	31.6
160	39.9	58.8	91.9	82.1	44.8	6	0.91	0	32.0
200	39.6	62.9	96.8	87.4	48.4	5	0.68	0	36.4
250	37.2	55.8	98.9	90.0	50.4	5	0.65	0	38.3
315	34.7	55.9	97.5	88.3	53.7	6	0.62	0	41.3
400	33.0	58.3	96.9	86.4	57.6	7	0.45	1	44.2
500	30.0	57.7	97.7	87.1	58.7	7	0.36	2	45.1
630	24.6	56.2	101.0	89.7	64.3	8	0.37	2	49.9
800	24.5	60.7	102.8	90.8	66.2	8	0.32	3	51.5
1000	22.8	64.7	102.6	90.3	70.6	8	0.22	4	55.7
1250	20.8	70.8	103.7	90.0	77.4	9	0.36	4	61.7
1600	20.5	77.0	109.8	95.6	80.6	9	0.40	4	64.7
2000	13.9	82.4	107.2	92.6	81.4	9	0.21	4	65.2
2500	7.9	97.6	103.4	86.9	78.8	10	0.21	3	61.6
3150	7.1	115.2	104.4	84.4	80.7	13	0.12	0	60.6
4000	6.9	133.8	104.8	81.5	83.2	16	0.38	0	60.6
5000	6.9	174.8	102.2	78.3	82.3	15	0.29	0	60.1

STC Rating                    **9** (Sound Transmission Class)  
 Deficiencies                 **27** (Number of deficiencies versus contour curve)  
 OITC Rating                 **8** (Outdoor/Indoor Transmission Class)

	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.
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- 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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ASTM E90**

ATI No. 01-34115.01-6

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Specimen 1" ARPRO PEPP

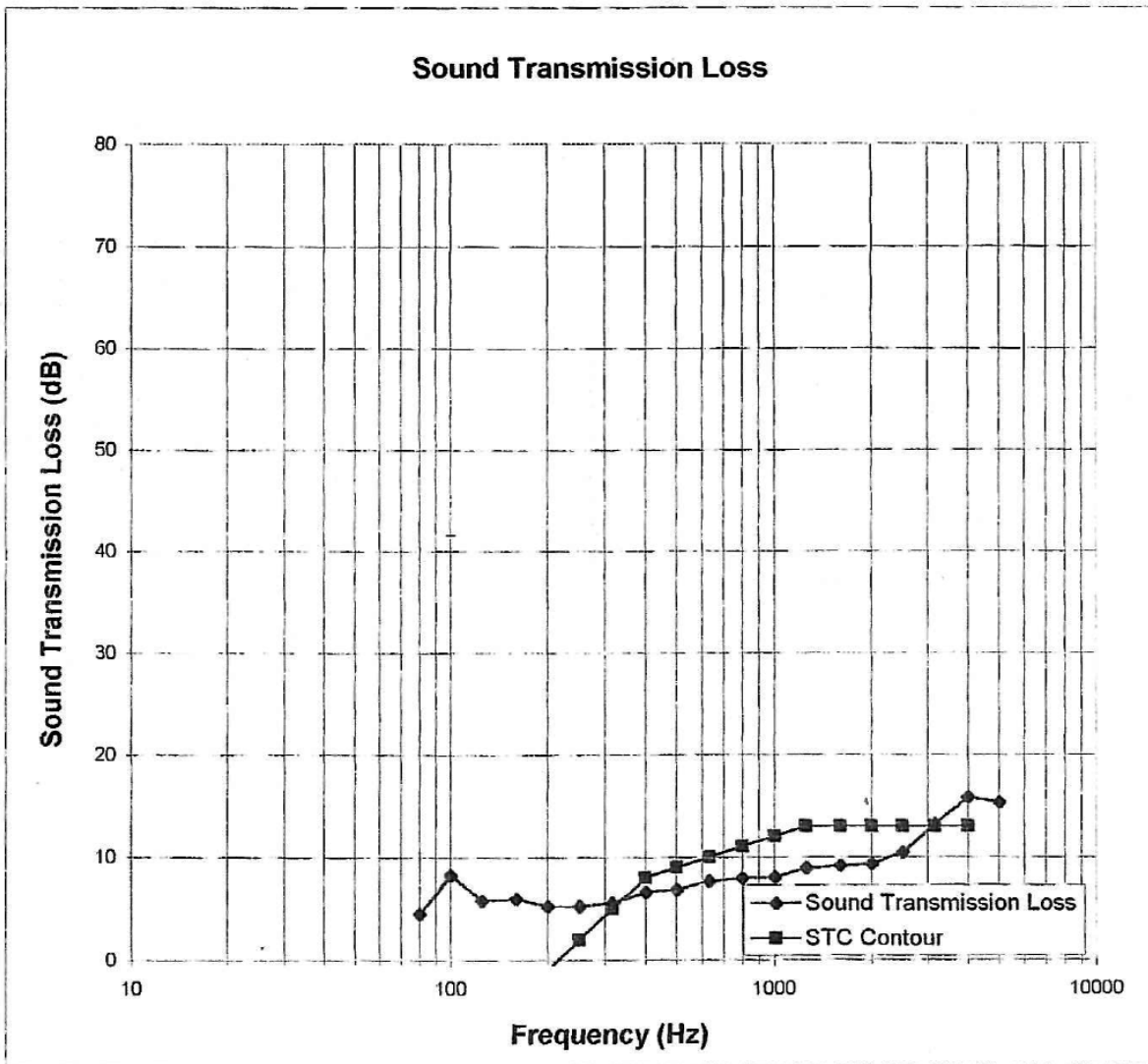
123 Columbia Court N.

Specimen Area 24.00 Sq Ft

Chaska, MN 55318

Filler Area 116.00 Sq Ft

Operator Eric J. Miller



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