



# 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](mailto:sales@acousticalsurfaces.com)

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.	01-34115.01-4					Date	02/11/99		
Rendered by Manufacturer and Released to: Acoustical Surfaces, Inc.									
Specimen	2" 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								
	Bkgrd	Absorp	Source	Receive	Filler	Specimen			
Temp F	69.4	69.3	70.1	69.4	85.7	69.6			
RH %	64.1	64.4	63.6	64.1	68.2	64.1			
Freq (Hz)	Bkgrd SPL (dB)	Absorp (Sabines /Sq Ft)	Source SPL (dB)	Receive SPL (dB)	Filler TL (dB)	Specimen TL (dB)	95% Conf Limit	No. of Deficiencies	Trans Coef Diff
80	44.4	63.7	80.0	68.0	32.9	8	2.23	0	18.3
100	44.4	68.8	83.5	70.0	36.5	9	2.54	0	20.7
125	42.8	55.7	88.0	75.4	44.2	9	2.25	0	28.4
160	42.9	53.6	92.1	79.8	44.8	9	0.85	0	29.2
200	40.3	56.8	96.8	84.9	48.4	8	0.65	0	33.4
250	36.6	56.2	99.1	87.5	50.4	8	0.73	0	35.7
315	34.2	53.7	97.7	85.8	53.7	8	0.47	1	38.4
400	32.0	56.4	96.8	83.8	57.6	9	0.37	3	41.4
500	29.4	57.9	98.0	84.6	58.7	10	0.41	3	42.4
630	25.3	57.9	101.1	87.1	64.3	10	0.25	4	47.4
800	24.7	63.6	102.6	88.2	66.2	10	0.24	5	49.2
1000	24.2	69.2	102.1	87.1	70.6	10	0.16	6	53.3
1250	20.0	76.8	103.6	85.7	77.4	13	0.29	4	57.8
1600	18.6	80.0	109.7	89.1	80.6	15	0.39	2	58.5
2000	12.3	84.1	107.4	85.0	81.4	17	0.25	0	57.6
2500	7.8	95.8	103.6	80.8	78.8	17	0.22	0	55.2
3150	7.2	113.1	104.5	82.0	80.7	16	0.27	1	58.2
4000	6.7	137.3	104.6	80.1	83.2	17	0.13	0	59.4
5000	6.8	173.7	102.0	71.8	82.3	22	0.32	0	53.9

STC Rating                    13 (Sound Transmission Class)  
 Deficiencies                29 (Number of deficiencies versus contour curve)  
 OITC Rating                11 (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.

- 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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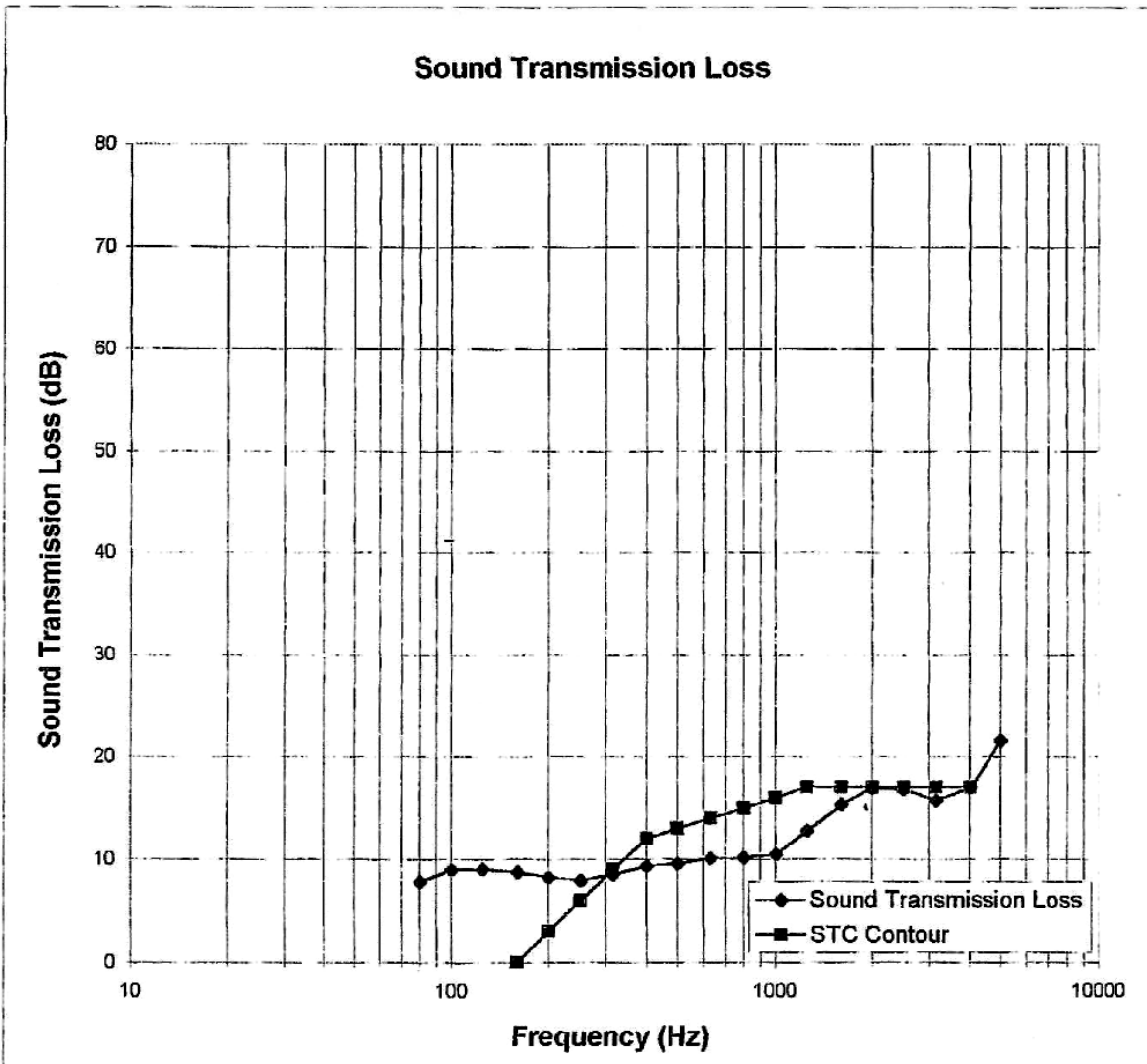
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