



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

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Visit our Website: www.acousticalsurfaces.com

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

PAGE 1 of 2

Riverbank Acoustical Laboratories (RAL)™ / An Alion Science Technical Center
 Laboratory Measurement of Airborne Sound Transmission Loss
 of Building Partitions ASTM E 90-04/NVLAP 08/P06

TEST NUMBER: TL09-314 TEST DATE: OCTOBER 20, 2009
 CLIENT: Rendered by Manufacturer and Released to:
 Acoustical Surfaces, Inc.
 DESIGNATION: 123 Columbia Court North, Chaska, MN 55318
 DIMENSIONS: 48" wide x 96" high x 0.11" thick
 AREA: 32.0 ft²
 WEIGHT: 34 lbs AREA WEIGHT: 1.06 lbs/ft²
 SPECIMEN DETAILS:
 SOURCE ROOM: Room 2 Volume = 6297.6 ft³ Area = 2066.2 ft²
 RECEIVE ROOM: Room 3 Volume = 4929.46 ft³ Area = 1690.3 ft²
 FILE NAME: TL09_314_091020_A.doc

RIVERBANK ACOUSTICAL LABORATORIES

FREQ. (Hz)	T.L. (dB)	UNC. (dB) 95%CL	DEF. (dB) <-CONT	FREQ. (Hz)	T.L. (dB)	UNC. (dB) 95%CL	DEF. (dB) <-CONT
100	16	0.71		800	25	0.12	3
125	17	0.56		1k	27	0.15	2
160	15	0.56		1.25k	28	0.09	2
200	15	0.40	1	1.6k	30	0.13	
250	18	0.52	1	2k	32	0.11	
315	18	0.27	4	2.5k	34	0.08	
400	19	0.29	6	3.15k	35	0.06	
500	22	0.16	4	4k	36	0.05	
630	24	0.22	3	5k	38	0.07	

Sound Transmission Class (STC) = 26

Total Deficiencies = 26

Extended Frequency Data

FREQ.	T.L.	UNC.	DEF.	FREQ.	T.L.	UNC.	DEF.
80	8	1.30					

R: 26
 OITC: 21

Test Conducted by *Marc Scizsky*
 Marc Scizsky

This single report page and accompanying graph contain the instantaneous raw data as provided to the client after testing of the specimen. This data, although accurate, is incomplete without the full specimen description, mounting details and signature pages. The full report referenced by the RAL test number above should be consulted for further information regarding these results.

- 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
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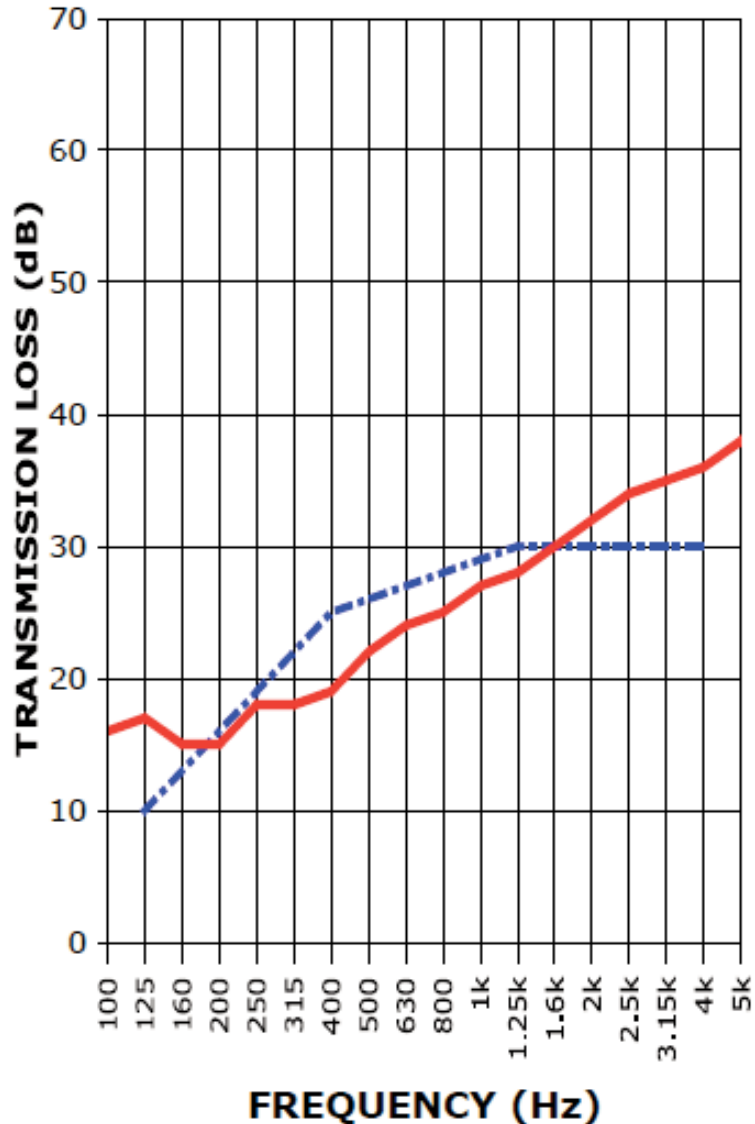
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SOUND TRANSMISSION REPORT

RAL - TL09-314

RIVERBANK ACOUSTICAL LABORATORIES



STC = 26



TRANSMISSION LOSS

SOUND TRANSMISSION LOSS CONTOUR

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