

TEST REPORT FOR U.S. RUBBER RECYCLING, INC.

Report No.: H4163.34-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/19/2018				
DATA FILE NO.	H4163.31				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound Rubber Underlayment, 19.05 mm Maxxon Gyp-Crete 2000® Gypsum Concrete, 18.8 mm Oriented Strand Board Sheathing, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 457.2 mm Stone Truss L/360 Open Web Truss, 12.7 mm Resilient Channel, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.8	Source Temp.	20.7
TECHNICIAN	LSH	Receive Humidity	51%	Source Humidity	52%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	22.8	7.1	102	61	42	1.8	-
100	23.8	6.0	103	67	39	2.5	-
125	21.3	5.4	103	66	40	1.4	4
160	19.1	5.5	102	60	46	1.1	1
200	14.9	6.2	101	57	46	0.5	4
250	13.2	6.2	98	53	48	1.6	5
315	8.8	7.4	102	52	51	0.6	5
400	9.5	7.4	102	51	53	0.6	6
500	9.9	6.0	101	47	56	0.9	4
630	6.2	6.3	97	39	61	0.5	0
800	3.7	6.3	96	35	63	0.5	0
1000	2.3	6.3	97	32	68	0.8	0
1250	1.6	6.5	99	33	69	0.5	0
1600	2.1	6.8	99	32	69	0.4	0
2000	3.2	7.8	99	35	65	0.4	0
2500	3.3	8.5	100	34	67	0.5	0
3150	4.0	9.4	100	27	74	0.4	0
4000	4.3	11.2	99	20	78	0.6	0
5000	4.9	13.6	96	15	80	0.7	-
6300	5.5	17.3	95	13	80	0.8	-
8000	6.0	23.2	95	10	82	1.0	-
10000	6.2	29.7	95	8	83	1.9	-
STC Rating	60	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	29	

- Notes:**
- 1) Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.
 - 2) Specimen TL levels listed in red are potentially limited by the laboratory flanking limit.
 - 3) Specimen TL levels listed in blue indicate the lower limit of the transmission loss.
 - 4) Specimen TL levels listed in green indicate that there has been a filler wall correction applied

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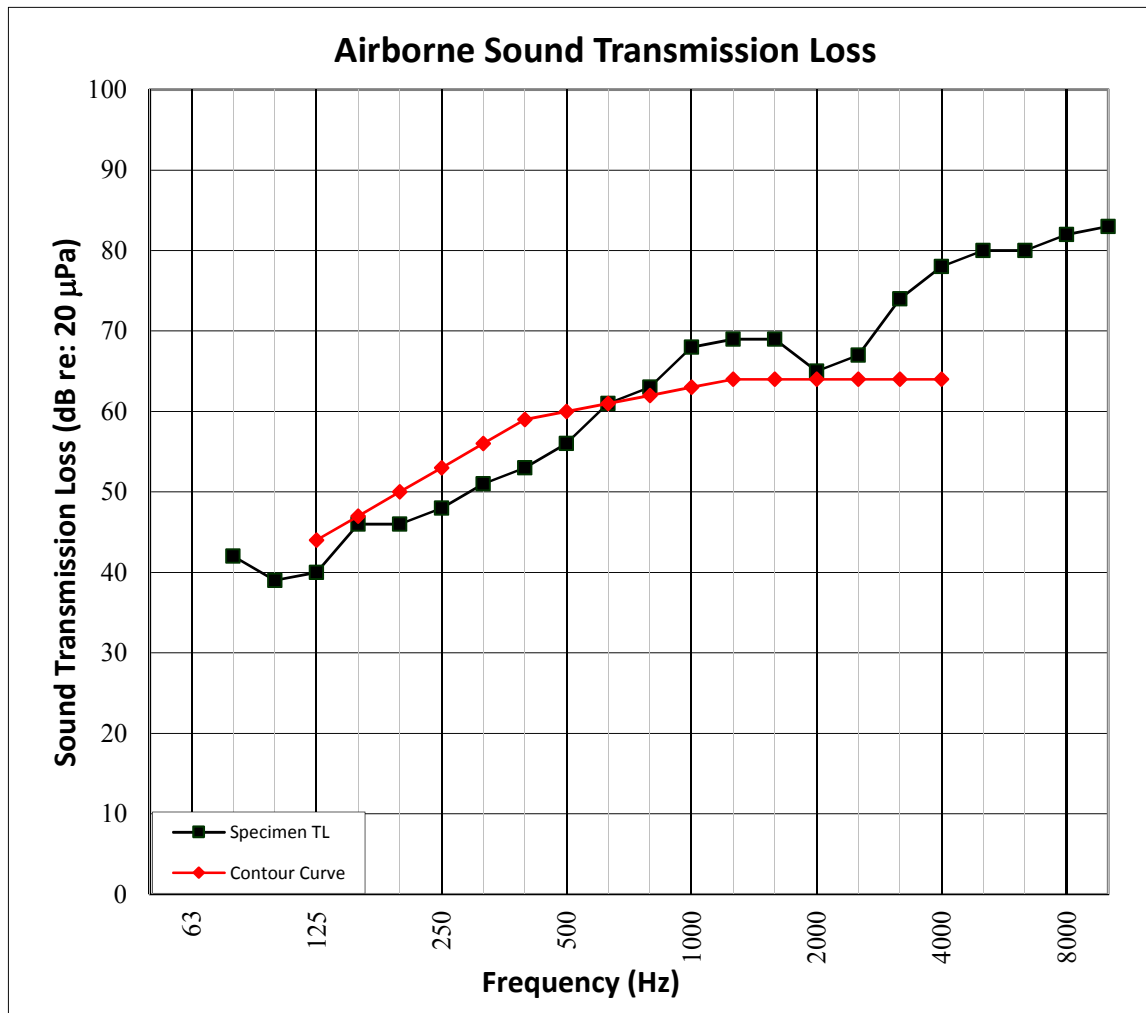
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/19/2018				
DATA FILE NO.	H4163.31				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound Rubber Underlayment, 19.05 mm Maxxon Gyp-Crete 2000® Gypsum Concrete, 18.8 mm Oriented Strand Board Sheathing, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 457.2 mm Stone Truss L/360 Open Web Truss, 12.7 mm Resilient Channel, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.8	Source Temp.	20.7
TECHNICIAN	LSH	Receive Humidity	51%	Source Humidity	52%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/19/2018				
DATA FILE NO.	H4163.31				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound Rubber Underlayment, 19.05 mm Maxxon Gyp-Crete 2000® Gypsum Concrete, 18.8 mm Oriented Strand Board Sheathing, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 457.2 mm Stone Truss L/360 Open Web Truss, 12.7 mm Resilient Channel, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.8	Minimum Temp.	20.7
TECHNICIAN	LSH	Max. Humidity	51%	Min. Humidity	52%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	22.1	6.9	62	2.2	-
100	23.3	5.9	62	1.3	3
125	20.8	5.4	65	0.9	6
160	18.1	5.0	62	0.8	3
200	10.8	6.2	64	0.6	5
250	11.3	6.4	65	0.9	6
315	4.5	7.1	63	0.4	4
400	4.5	7.1	60	0.3	2
500	5.8	5.9	56	0.3	0
630	2.4	6.2	52	0.2	0
800	0.7	6.4	46	0.2	0
1000	1.6	6.2	41	0.2	0
1250	0.8	6.5	38	0.1	0
1600	1.0	6.8	37	0.1	0
2000	1.8	7.7	39	0.1	0
2500	2.9	8.4	35	0.2	0
3150	3.9	9.3	25	0.2	0
4000	4.2	11.1	17	0.3	-
5000	4.9	13.6	10	0.4	-
6300	5.5	17.3	7	0.4	-
8000	6.0	23.3	8	0.5	-
10000	6.2	29.6	9	0.3	-
IIC Rating	53	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	29

Notes: Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.

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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	3/19/2018				
DATA FILE NO.	H4163.31				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound Rubber Underlayment, 19.05 mm Maxxon Gyp-Crete 2000® Gypsum Concrete, 18.8 mm Oriented Strand Board Sheathing, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 457.2 mm Stone Truss L/360 Open Web Truss, 12.7 mm Resilient Channel, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.8	Minimum Temp.	20.7
TECHNICIAN	LSH	Max. Humidity	51%	Min. Humidity	52%

