

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

Report No.: H4163.29-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/14/2018				
DATA FILE NO.	H4163.29				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.25 mm U.S. Rubber Recycling, Inc., 12mm 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	Source Temp.	19.3
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	29.4	7.3	101	62	41	2.7	-
100	27.4	5.8	103	66	40	2.3	-
125	26.4	5.3	101	66	38	1.4	6
160	22.9	5.3	102	59	46	1.0	1
200	17.5	6.2	101	57	47	0.8	3
250	15.7	6.2	98	51	50	1.0	3
315	11.5	7.3	103	51	54	0.6	2
400	9.4	7.4	102	50	54	0.7	5
500	11.6	6.1	101	46	57	0.5	3
630	13.4	6.3	96	39	60	0.4	1
800	7.0	6.3	96	36	62	0.4	0
1000	8.9	6.1	97	34	66	0.5	0
1250	7.4	6.4	99	34	67	0.2	0
1600	6.0	6.7	98	32	69	0.3	0
2000	6.2	7.7	99	34	67	0.3	0
2500	7.4	8.4	100	33	68	0.2	0
3150	9.0	9.2	100	27	74	0.3	0
4000	7.9	10.7	99	20	79	0.4	0
5000	6.3	13.3	96	13	82	0.4	-
6300	6.2	16.6	95	12	81	0.5	-
8000	6.3	22.3	95	10	82	0.6	-
10000	6.3	28.5	94	8	82	0.4	-
STC Rating	60	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	24	

- 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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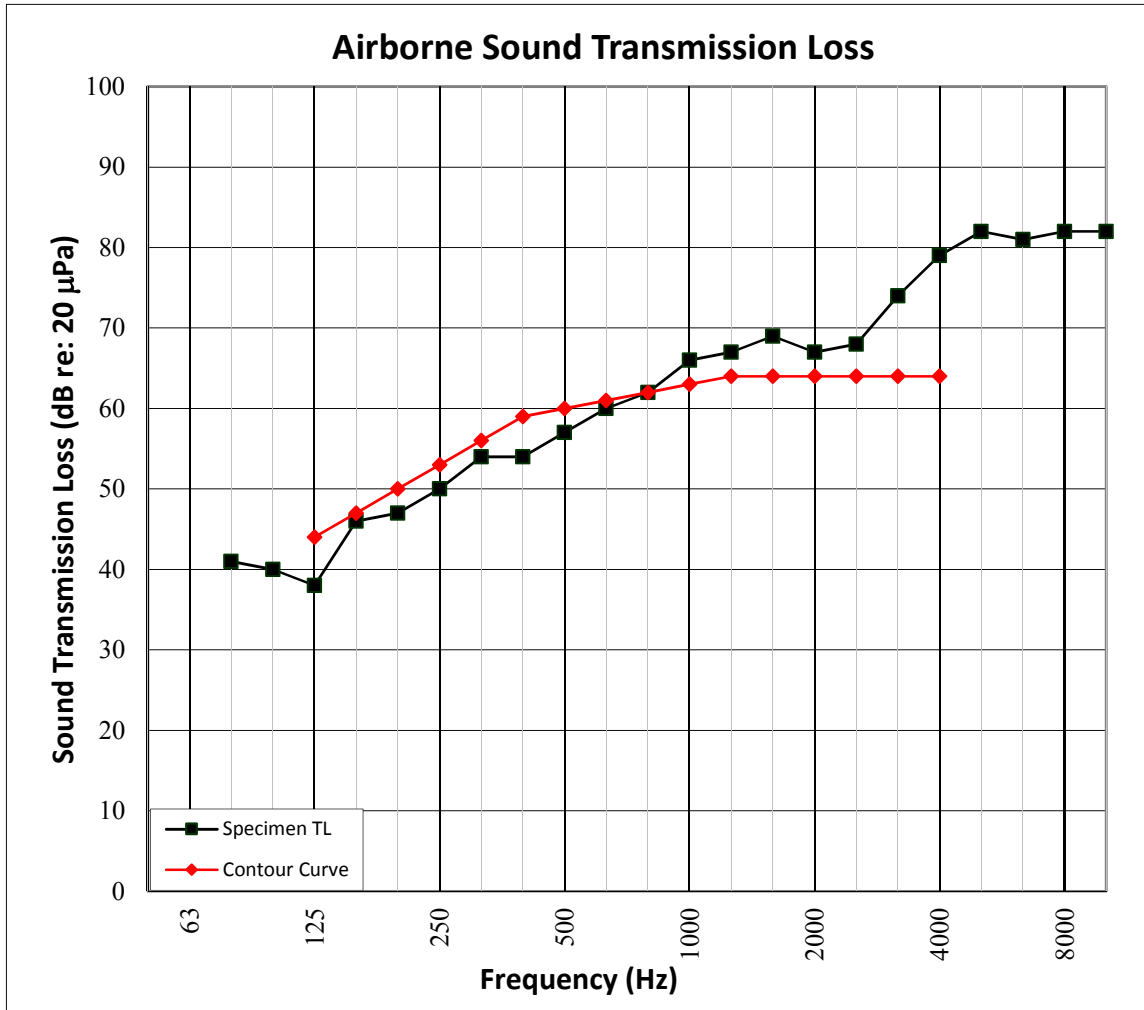
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/14/2018				
DATA FILE NO.	H4163.29				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.25 mm U.S. Rubber Recycling, Inc., 12mm 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	Source Temp.	19.3
TECHNICIAN	LSH	Receive Humidity	51%	Source Humidity	52%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/14/2018				
DATA FILE NO.	H4163.29				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.25 mm U.S. Rubber Recycling, Inc., 12mm 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	Minimum Temp.	19.3
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	28.1	7.5	65	1.6	-
100	25.9	6.5	64	1.5	2
125	25.0	4.8	65	1.0	3
160	20.6	5.2	65	1.0	3
200	15.4	6.3	68	1.0	6
250	13.7	6.6	68	0.6	6
315	9.4	7.2	65	0.4	3
400	7.8	7.4	63	0.4	2
500	10.7	6.2	61	0.3	1
630	12.7	6.3	57	0.3	0
800	6.1	6.3	52	0.2	0
1000	8.2	6.2	45	0.2	0
1250	6.5	6.5	40	0.1	0
1600	4.7	6.6	36	0.1	0
2000	5.1	7.6	36	0.1	0
2500	5.8	8.4	35	0.1	0
3150	7.2	9.2	28	0.2	0
4000	6.7	10.7	20	0.3	-
5000	5.8	13.2	12	0.5	-
6300	6.0	16.6	9	0.3	-
8000	6.2	22.4	9	0.3	-
10000	6.3	28.3	9	0.3	-
IIC Rating	50	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	26

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



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DATA FILE NO.	H4163.29				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.25 mm U.S. Rubber Recycling, Inc., 12mm 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	Minimum Temp.	19.3
TECHNICIAN	LSH	Max. Humidity	51%	Min. Humidity	52%

