

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

Report No.: H4163.28-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/12/2018				
DATA FILE NO.	H4163.28				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.07 mm Provenza Floors Volterra Engineered Hardwood, 10 mm U.S. Rubber Recycling Inc. 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.	19.4	Source Temp.	19.6
TECHNICIAN	LSH	Receive Humidity	67%	Source Humidity	70%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	30.5	7.4	101	63	40	2.4	-
100	27.4	5.8	103	65	40	2.7	-
125	25.7	5.2	102	67	38	1.3	6
160	22.8	5.0	102	60	45	0.9	2
200	15.3	6.0	101	58	46	0.8	4
250	14.2	6.4	98	52	48	0.7	5
315	9.9	7.2	103	52	53	1.1	3
400	8.4	7.5	102	50	54	0.7	5
500	12.9	5.9	101	47	57	0.6	3
630	9.1	6.2	97	40	60	0.4	1
800	4.6	6.2	96	37	62	0.4	0
1000	8.9	6.2	97	36	64	0.4	0
1250	6.4	6.4	99	37	65	0.4	0
1600	5.0	6.7	99	33	67	0.3	0
2000	6.6	7.5	100	35	66	0.4	0
2500	6.9	8.2	100	33	69	0.5	0
3150	8.7	8.8	100	27	74	0.4	0
4000	7.7	10.2	99	21	79	0.4	0
5000	6.2	12.1	97	15	82	0.5	-
6300	6.3	15.2	96	14	80	0.5	-
8000	6.4	20.1	95	12	81	0.7	-
10000	6.5	25.6	95	10	82	0.7	-
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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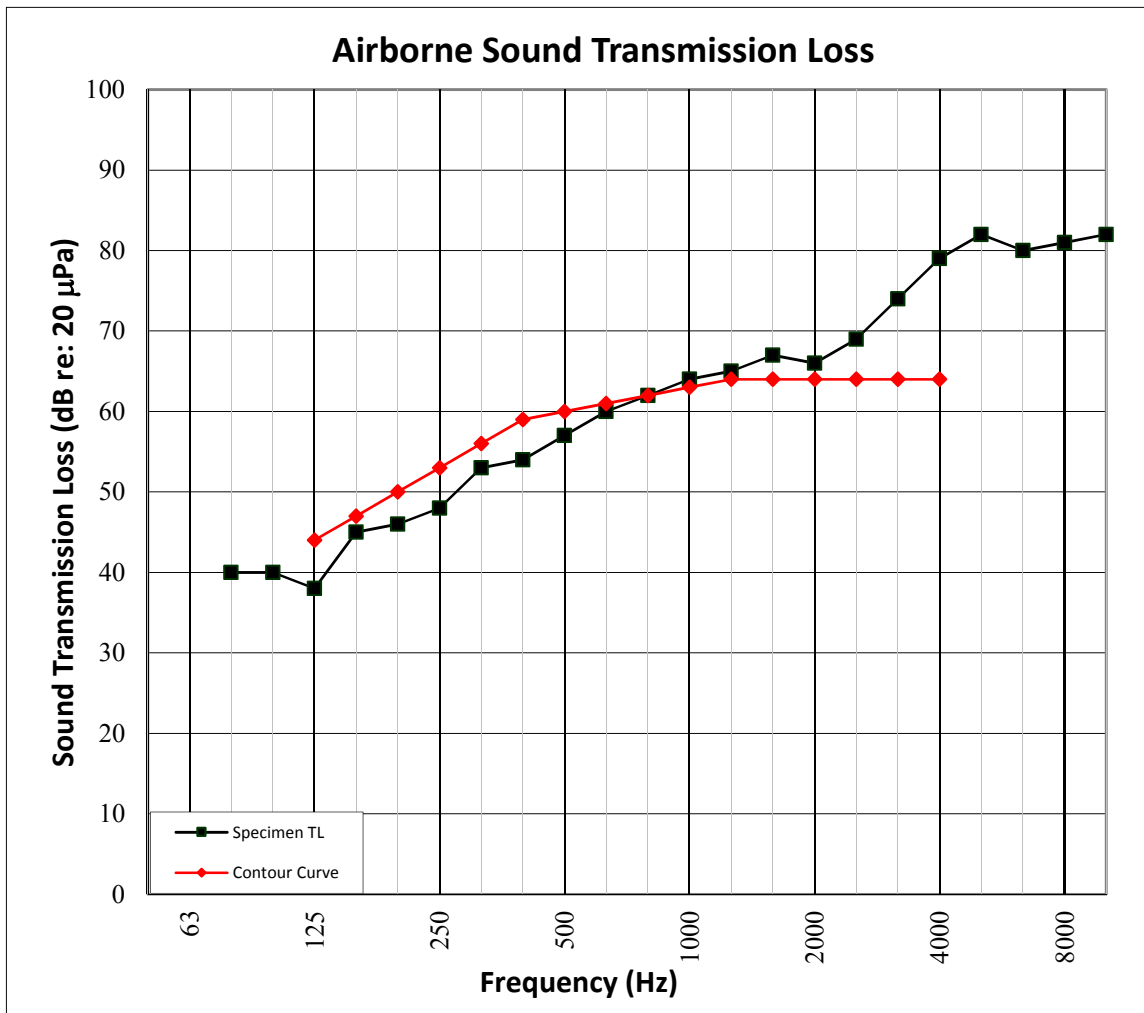
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/12/2018				
DATA FILE NO.	H4163.28				
CLIENT	U.S. Rubber Recycling, Inc.				
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SPECIMEN AREA	11.15 m ²	Receive Temp.	19.4	Source Temp.	19.6
TECHNICIAN	LSH	Receive Humidity	67%	Source Humidity	70%



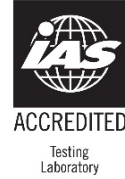
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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/12/2018				
DATA FILE NO.	H4163.28				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.07 mm Provenza Floors Volterra Engineered Hardwood, 10 mm U.S. Rubber Recycling Inc. 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.	19.4	Minimum Temp.	19.6
TECHNICIAN	LSH	Max. Humidity	67%	Min. Humidity	70%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	31.7	6.7	66	1.6	-
100	28.6	6.2	65	1.2	1
125	26.1	5.7	68	1.6	4
160	23.4	5.3	66	1.0	2
200	15.5	6.1	70	0.6	6
250	14.9	6.4	69	0.7	5
315	12.5	7.1	68	0.8	4
400	9.9	7.3	67	0.4	4
500	13.7	5.9	65	0.4	3
630	11.2	6.3	63	0.3	2
800	6.8	6.4	58	0.3	0
1000	11.1	6.2	48	0.3	0
1250	9.3	6.4	41	0.2	0
1600	10.1	6.7	39	0.2	0
2000	11.0	7.6	40	0.3	0
2500	15.4	8.3	37	0.3	0
3150	16.9	8.8	29	0.3	0
4000	14.5	10.1	21	0.6	-
5000	10.8	12.1	14	0.5	-
6300	8.4	15.4	11	0.2	-
8000	7.0	20.2	10	0.3	-
10000	6.6	26.1	9	0.2	-
IIC Rating	48	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	31

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	3/12/2018				
DATA FILE NO.	H4163.28				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.07 mm Provenza Floors Volterra Engineered Hardwood, 10 mm U.S. Rubber Recycling Inc. 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.	19.4	Minimum Temp.	19.6
TECHNICIAN	LSH	Max. Humidity	67%	Min. Humidity	70%

