

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

Report No.: H4163.19-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/26/2018				
DATA FILE NO.	H4163.19				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 10.15 mm U.S. Rubber Recycling, Inc., 10mm QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Receive Temp.	18.9°C	Source Temp.	17.9°C
TECHNICIAN	LSH	Receive Humidity	49%	Source Humidity	48%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	19.9	7.4	101	61	42	2.6	-
100	20.4	6.8	101	66	38	2.6	-
125	20.3	5.1	102	65	41	1.2	5
160	18.4	5.4	101	58	47	1.0	2
200	10.1	6.0	101	56	47	0.9	5
250	12.0	6.2	98	49	52	0.6	3
315	4.3	7.5	102	48	56	0.5	2
400	4.6	7.8	101	49	54	0.7	7
500	5.6	6.0	100	44	59	0.6	3
630	4.8	6.1	96	35	63	0.5	0
800	2.2	6.1	95	31	67	0.4	0
1000	4.7	6.1	96	28	71	0.4	0
1250	2.2	6.4	98	29	72	0.5	0
1600	2.2	6.8	98	27	74	0.3	0
2000	2.9	7.6	99	26	75	0.3	0
2500	3.9	8.8	100	24	76	0.3	0
3150	4.4	9.4	99	21	79	0.3	0
4000	4.4	11.3	98	16	82	0.4	0
5000	4.9	13.9	96	11	84	0.4	-
6300	5.5	18.3	94	11	81	0.5	-
8000	5.9	24.4	94	9	82	0.6	-
10000	6.2	32.0	93	7	82	0.6	-
STC Rating	62	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	27	

- 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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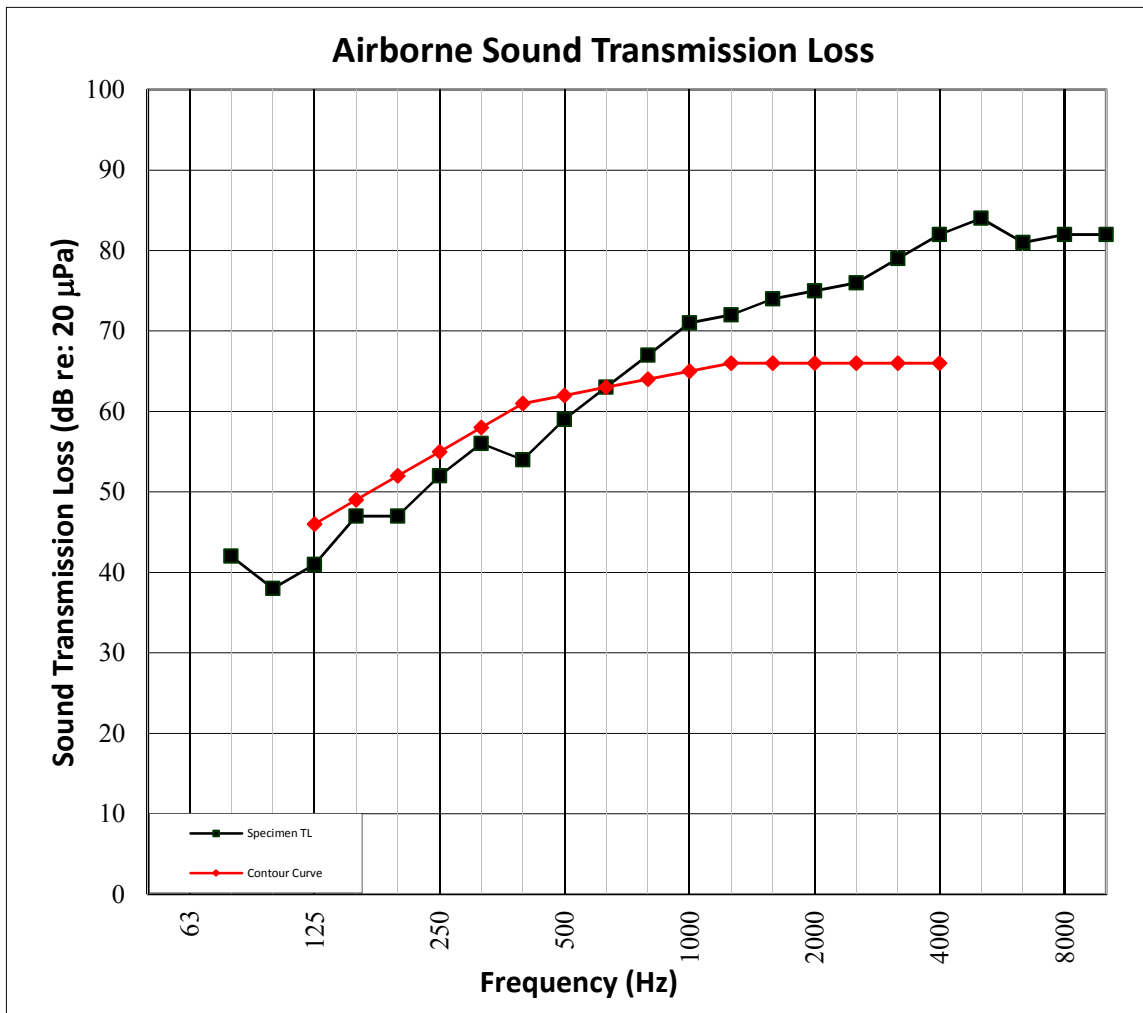
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SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/26/2018				
DATA FILE NO.	H4163.19				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 10.15 mm U.S. Rubber Recycling, Inc., 10mm QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Receive Temp.	18.9°C	Source Temp.	17.9°C
TECHNICIAN	LSH	Receive Humidity	49%	Source Humidity	48%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/26/2018				
DATA FILE NO.	H4163.19				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 10.15 mm U.S. Rubber Recycling, Inc., 10mm QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	18.9°C	Minimum Temp.	17.9°C
TECHNICIAN	LSH	Max. Humidity	49%	Min. Humidity	48%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	25.8	7.6	53	2.1	-
100	27.2	6.5	54	2.3	3
125	23.5	5.6	57	1.3	6
160	20.5	5.2	52	1.4	1
200	13.3	5.8	52	0.6	1
250	14.7	5.9	53	0.9	2
315	13.7	7.4	55	0.6	4
400	11.4	7.3	56	0.5	6
500	8.1	6.0	52	0.5	3
630	7.7	6.1	51	0.3	3
800	6.3	6.1	44	0.3	0
1000	8.5	6.1	39	0.2	0
1250	5.2	6.4	34	0.2	0
1600	4.5	6.7	32	0.4	0
2000	6.1	7.6	31	0.4	0
2500	6.4	8.8	29	0.3	0
3150	7.4	9.5	19	0.5	0
4000	6.4	11.3	14	1.1	-
5000	5.7	14.1	15	1.6	-
6300	6.2	18.3	9	1.0	-
8000	6.9	24.8	9	0.7	-
10000	6.2	31.8	10	0.3	-
IIC Rating	61	<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



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CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood Flooring, 10.15 mm U.S. Rubber Recycling, Inc., 10mm QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	18.9°C	Minimum Temp.	17.9°C
TECHNICIAN	LSH	Max. Humidity	49%	Min. Humidity	48%

