

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

Report No.: H4163.08-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/30/2018				
DATA FILE NO.	H4163.08				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza, Old World Hardwood, 5.25 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 203.2 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.	19.4°C	Source Temp.	19.8°C
TECHNICIAN	LSH	Receive Humidity	55%	Source Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	28.8	7.2	101	62	41	2.1	-
100	30.3	6.2	104	65	42	3.2	-
125	31.0	5.3	102	65	41	1.2	6
160	29.0	5.3	101	58	46	1.2	4
200	21.2	6.2	101	55	49	0.7	4
250	18.4	6.2	99	49	52	0.7	4
315	15.5	7.3	102	47	57	0.9	2
400	12.8	7.2	102	47	58	0.8	4
500	11.8	6.2	101	45	59	0.6	4
630	8.9	6.3	96	34	65	0.7	0
800	6.8	6.3	96	31	67	0.4	0
1000	9.4	6.3	97	27	73	0.3	0
1250	5.2	6.3	98	26	75	0.3	0
1600	5.0	6.7	99	24	76	0.3	0
2000	6.7	7.6	99	25	76	0.2	0
2500	7.6	8.4	100	24	77	0.2	0
3150	9.2	9.2	100	21	80	0.3	0
4000	7.5	10.8	99	16	83	0.3	0
5000	6.6	13.1	96	12	84	0.4	-
6300	7.3	17.0	95	12	81	0.5	-
8000	8.9	22.5	95	11	81	0.6	-
10000	7.0	28.4	94	8	82	0.6	-
STC Rating	63	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	28	

- 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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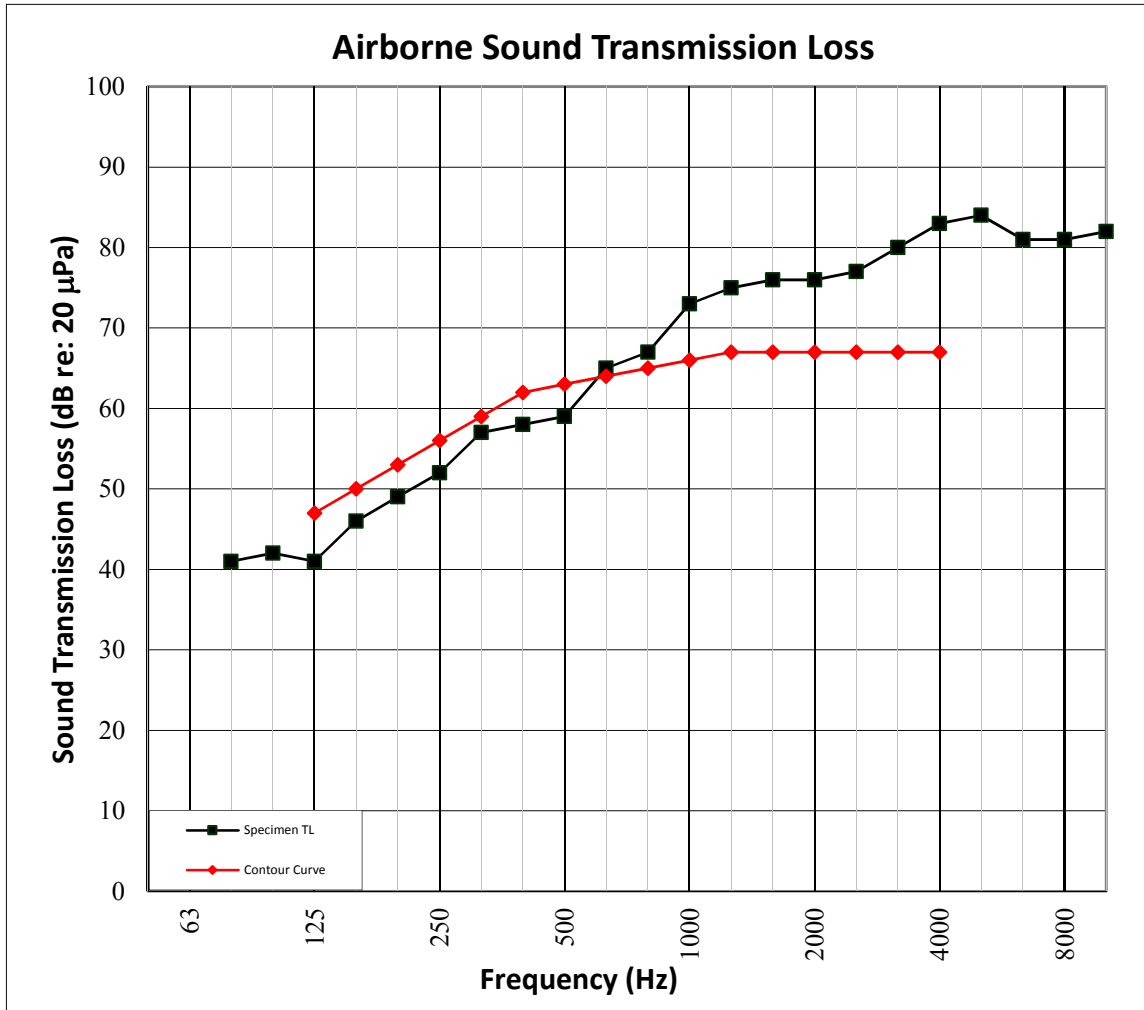
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/30/2018				
DATA FILE NO.	H4163.08				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza, Old World Hardwood, 5.25 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 203.2 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.	19.4°C	Source Temp.	19.8°C
TECHNICIAN	LSH	Receive Humidity	55%	Source Humidity	56%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/30/2018				
DATA FILE NO.	H4163.08				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza, Old World Hardwood, 5.25 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 203.2 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.	19.4°C	Minimum Temp.	19.8°C
TECHNICIAN	LSH	Max. Humidity	55%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	28.3	7.6	50	2.1	-
100	27.8	6.6	48	1.7	1
125	27.6	5.0	55	1.3	8
160	23.0	5.1	47	0.9	0
200	15.7	6.5	48	0.7	1
250	15.1	6.4	49	0.6	2
315	13.3	7.4	50	0.6	3
400	11.9	7.1	48	0.3	2
500	11.3	6.0	52	0.7	7
630	7.8	6.3	47	0.3	3
800	5.7	6.2	43	0.2	0
1000	7.7	6.1	38	0.3	0
1250	5.4	6.2	32	0.2	0
1600	5.1	6.6	30	0.2	0
2000	6.8	7.5	29	0.2	0
2500	7.5	8.5	26	0.2	0
3150	9.2	9.2	17	0.2	0
4000	7.8	10.7	12	0.6	-
5000	6.6	13.1	10	0.7	-
6300	6.9	16.9	9	0.6	-
8000	7.3	22.6	11	1.0	-
10000	6.9	29.0	11	0.6	-
IIC Rating	65	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	27

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.	H4163.08				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza, Old World Hardwood, 5.25 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 203.2 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.	19.4°C	Minimum Temp.	19.8°C
TECHNICIAN	LSH	Max. Humidity	55%	Min. Humidity	56%

