

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

Report No.: H4163.07-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	11/8/2017				
DATA FILE NO.	H4163.07				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.3 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.	18	Source Temp.	17.5
TECHNICIAN	LSH	Receive Humidity	55%	Source Humidity	54%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	30.8	7.0	102	62	42	2.4	-
100	24.5	6.6	103	65	40	2.7	-
125	26.0	5.5	102	65	40	1.6	7
160	19.2	5.5	101	59	46	1.0	4
200	15.7	6.4	101	55	49	0.6	4
250	14.5	6.2	99	49	53	0.5	3
315	13.1	7.5	102	46	58	0.8	1
400	11.6	7.2	102	47	58	0.7	4
500	16.8	6.1	101	45	58	0.4	5
630	17.6	6.1	96	34	65	0.4	0
800	15.8	6.3	96	32	67	0.5	0
1000	13.1	6.0	97	28	72	0.4	0
1250	7.4	6.5	98	26	75	0.4	0
1600	7.5	6.8	99	24	77	0.3	0
2000	5.5	7.8	99	23	78	0.4	0
2500	11.5	8.7	100	23	79	0.4	0
3150	6.9	9.4	100	20	81	0.2	0
4000	6.4	11.0	99	16	83	0.4	0
5000	5.7	13.7	96	11	85	0.4	-
6300	6.0	17.6	95	11	82	0.4	-
8000	6.3	23.9	95	9	83	0.5	-
10000	6.4	31.8	94	7	82	0.4	-
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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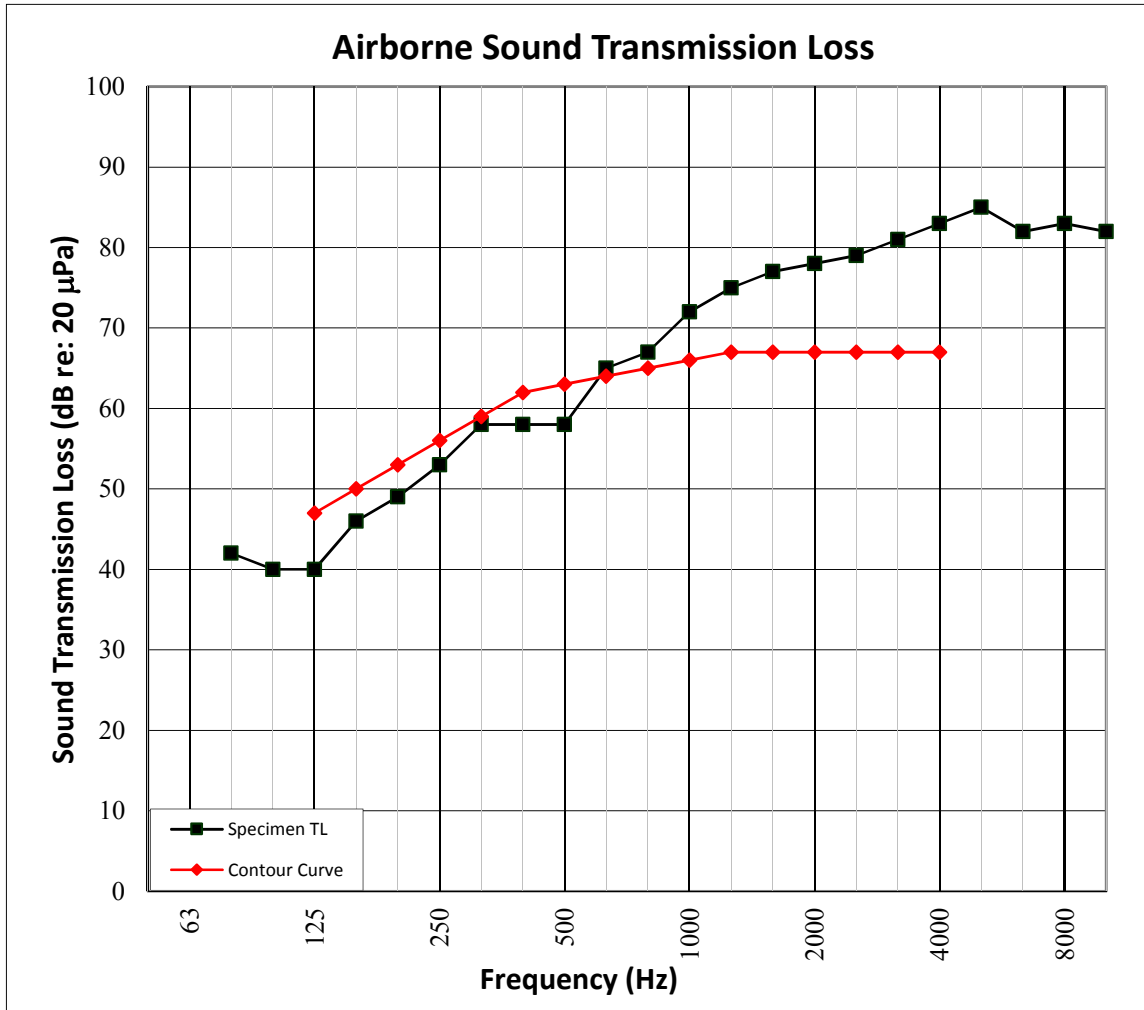
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	11/8/2017				
DATA FILE NO.	H4163.07				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.3 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.	18	Source Temp.	17.5
TECHNICIAN	LSH	Receive Humidity	55%	Source Humidity	54%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	11/8/2017				
DATA FILE NO.	H4163.07				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.3 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.	18	Minimum Temp.	17.5
TECHNICIAN	LSH	Max. Humidity	55%	Min. Humidity	54%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	43.2	7.4	53	2.7	-
100	32.5	6.6	49	1.8	1
125	27.7	5.4	55	1.0	7
160	21.3	5.2	48	0.8	0
200	15.6	6.0	49	0.7	1
250	14.7	6.2	50	1.0	2
315	13.3	7.6	50	0.5	2
400	10.9	7.2	50	0.5	3
500	11.0	6.1	53	0.4	7
630	8.8	6.3	48	0.2	3
800	9.8	6.2	45	0.3	1
1000	9.4	6.1	36	0.2	0
1250	8.2	6.3	31	0.2	0
1600	6.7	6.7	28	0.2	0
2000	6.7	7.8	24	0.2	0
2500	9.0	8.6	21	0.2	0
3150	8.9	9.4	11	0.1	0
4000	8.6	11.0	7	0.2	-
5000	7.1	13.7	7	0.3	-
6300	6.9	17.8	7	0.4	-
8000	6.8	24.0	8	0.4	-
10000	6.9	31.0	9	0.2	-
IIC Rating	64	<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



TEST DATE	11/8/2017				
DATA FILE NO.	H4163.07				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Old World Engineered Hardwood, 12.3 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.	18	Minimum Temp.	17.5
TECHNICIAN	LSH	Max. Humidity	55%	Min. Humidity	54%

