

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

Report No.: H4163.06-303-11-R0

Date: 09/05/19

### SECTION 10

### TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



<b>TEST DATE</b>	11/3/2017				
<b>DATA FILE NO.</b>	H4163.06				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	10.48 mm Provenza Heirloom Engineered Hardwood, 10.2 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Receive Temp.</b>	17.8	<b>Source Temp.</b>	17.5
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	51%	<b>Source Humidity</b>	57%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m <sup>2</sup>	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	22.6	7.0	102	61	43	2.9	-
100	20.3	6.7	104	66	41	2.1	-
125	21.3	5.3	102	65	40	1.4	7
160	17.5	5.5	101	58	46	1.1	4
200	12.7	6.2	101	55	49	1.0	4
250	12.5	6.1	99	49	53	0.8	3
315	10.0	7.5	102	46	57	0.7	2
400	11.9	7.3	103	47	58	0.7	4
500	11.1	6.2	101	44	59	0.4	4
630	8.0	6.2	97	34	66	0.3	0
800	5.9	6.2	97	31	68	0.6	0
1000	5.0	6.0	97	28	72	0.3	0
1250	3.1	6.4	99	27	74	0.3	0
1600	2.9	6.7	99	25	76	0.2	0
2000	3.3	7.8	100	24	78	0.3	0
2500	4.0	8.7	100	23	79	0.3	0
3150	5.0	9.6	100	20	81	0.3	0
4000	5.5	11.5	99	17	83	0.3	0
5000	5.2	14.4	96	12	83	0.5	-
6300	5.8	18.7	95	11	82	0.5	-
8000	6.1	25.1	95	9	83	0.7	-
10000	6.3	33.3	94	7	82	0.5	-
<b>STC Rating</b>	<b>63</b>	<i>(Sound Transmission Class)</i>			<b>Sum of Deficiencies</b>	<b>28</b>	

- 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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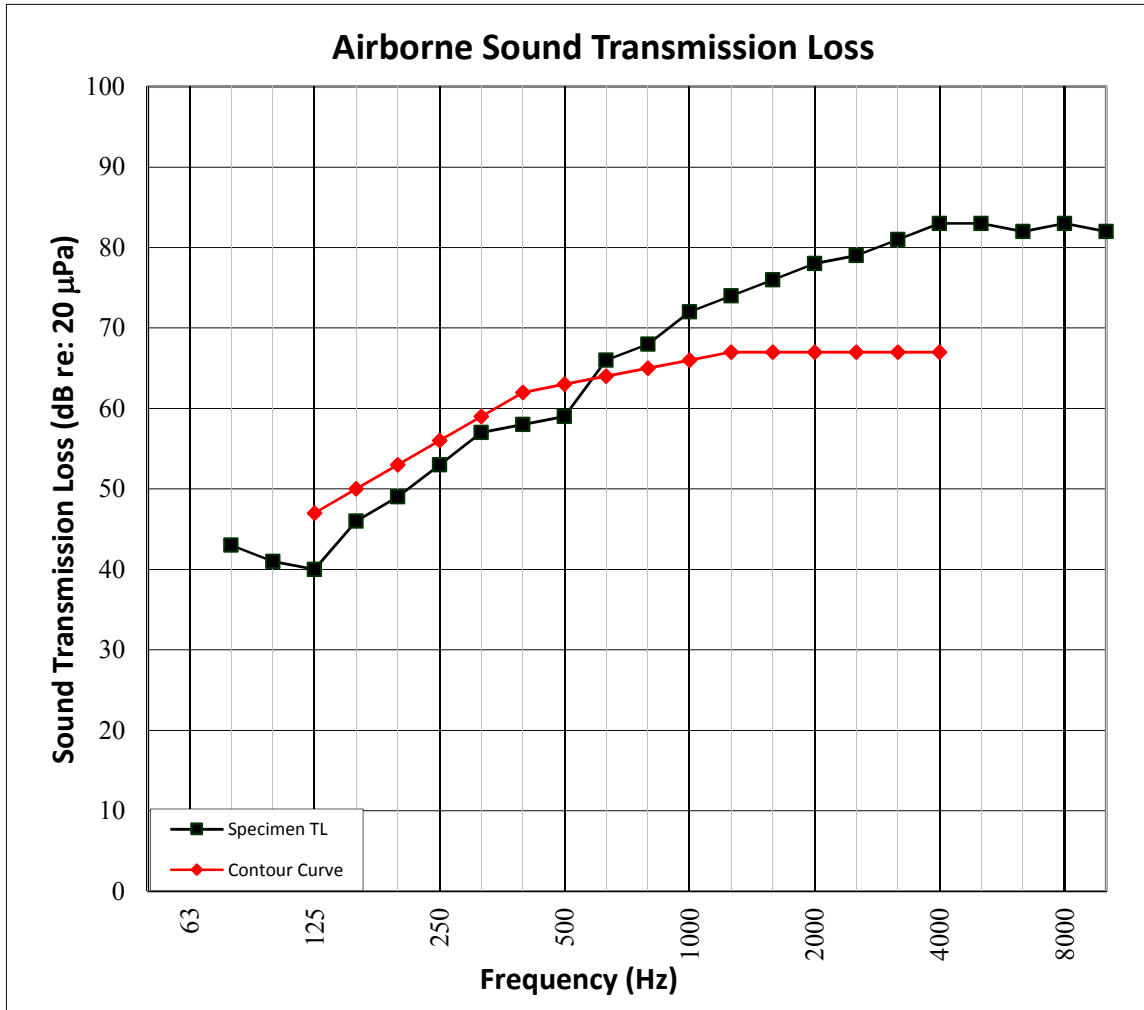
Date: 09/05/19

**SECTION 11**

**TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH**



<b>TEST DATE</b>	11/3/2017				
<b>DATA FILE NO.</b>	H4163.06				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	10.48 mm Provenza Heirloom Engineered Hardwood, 10.2 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Receive Temp.</b>	17.8	<b>Source Temp.</b>	17.5
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	51%	<b>Source Humidity</b>	57%



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**SECTION 12**

**TEST RESULTS - IMPACT SOUND TRANSMISSION**



<b>TEST DATE</b>	11/3/2017				
<b>DATA FILE NO.</b>	H4163.06				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	10.48 mm Provenza Heirloom Engineered Hardwood, 10.2 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Maximum Temp.</b>	17.8	<b>Minimum Temp.</b>	17.5
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	51%	<b>Min. Humidity</b>	57%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m <sup>2</sup>	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	27.3	7.1	52	2.3	-
100	24.9	6.1	50	1.9	3
125	25.3	5.2	55	1.0	8
160	22.7	5.1	48	1.1	1
200	18.4	6.3	49	0.6	2
250	16.8	6.2	49	1.1	2
315	18.4	7.4	49	0.6	2
400	18.3	7.2	48	0.4	2
500	16.9	6.1	51	0.4	6
630	13.5	6.2	45	0.4	1
800	14.6	6.3	40	0.3	0
1000	13.8	6.1	30	0.2	0
1250	13.6	6.4	28	0.2	0
1600	12.8	6.7	24	0.4	0
2000	7.0	7.8	22	0.2	0
2500	6.2	8.8	15	0.3	0
3150	7.5	9.5	7	0.3	0
4000	7.4	11.5	6	0.4	-
5000	7.5	14.2	6	0.5	-
6300	6.1	18.6	7	0.5	-
8000	6.2	25.0	8	0.5	-
10000	6.3	33.8	10	0.3	-
<b>IIC Rating</b>	<b>65</b>	<i>(Impact Insulation Class)</i>		<b>Sum of Deficiencies</b>	<b>27</b>

**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



<b>TEST DATE</b>	11/3/2017				
<b>DATA FILE NO.</b>	H4163.06				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	10.48 mm Provenza Heirloom Engineered Hardwood, 10.2 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Maximum Temp.</b>	17.8	<b>Minimum Temp.</b>	17.5
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	51%	<b>Min. Humidity</b>	57%

