

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

Report No.: H4163.18-303-11-R0

Date: 09/05/19

### SECTION 10

### TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



<b>TEST DATE</b>	3/16/2018				
<b>DATA FILE NO.</b>	H4163.18				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Receive Temp.</b>	19.3	<b>Source Temp.</b>	19
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	50%	<b>Source Humidity</b>	50%

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	25.6	7.3	102	63	40	2.1	-
100	23.3	5.9	102	68	37	2.2	-
125	24.5	5.6	103	67	39	1.6	5
160	19.1	5.2	102	59	47	1.1	0
200	12.2	6.3	101	56	47	1.1	3
250	12.6	6.5	99	52	50	0.9	3
315	5.3	7.3	102	52	51	1.1	5
400	5.4	7.4	103	51	54	0.7	5
500	7.0	6.0	100	47	56	0.9	4
630	3.1	6.2	97	40	60	0.6	1
800	1.0	6.3	96	37	62	0.5	0
1000	2.1	6.2	97	35	65	0.5	0
1250	1.1	6.5	99	36	66	0.4	0
1600	1.4	6.7	98	33	67	0.3	0
2000	2.1	7.6	99	35	66	0.2	0
2500	3.0	8.3	99	32	69	0.3	0
3150	4.0	9.1	100	26	75	0.3	0
4000	4.3	10.7	99	20	79	0.3	0
5000	4.9	13.1	96	17	78	0.8	-
6300	5.5	16.5	95	14	79	0.9	-
8000	6.0	21.9	95	11	81	0.7	-
10000	6.2	28.0	94	9	82	0.5	-
<b>STC Rating</b>	<b>60</b>	<i>(Sound Transmission Class)</i>			<b>Sum of Deficiencies</b>	<b>26</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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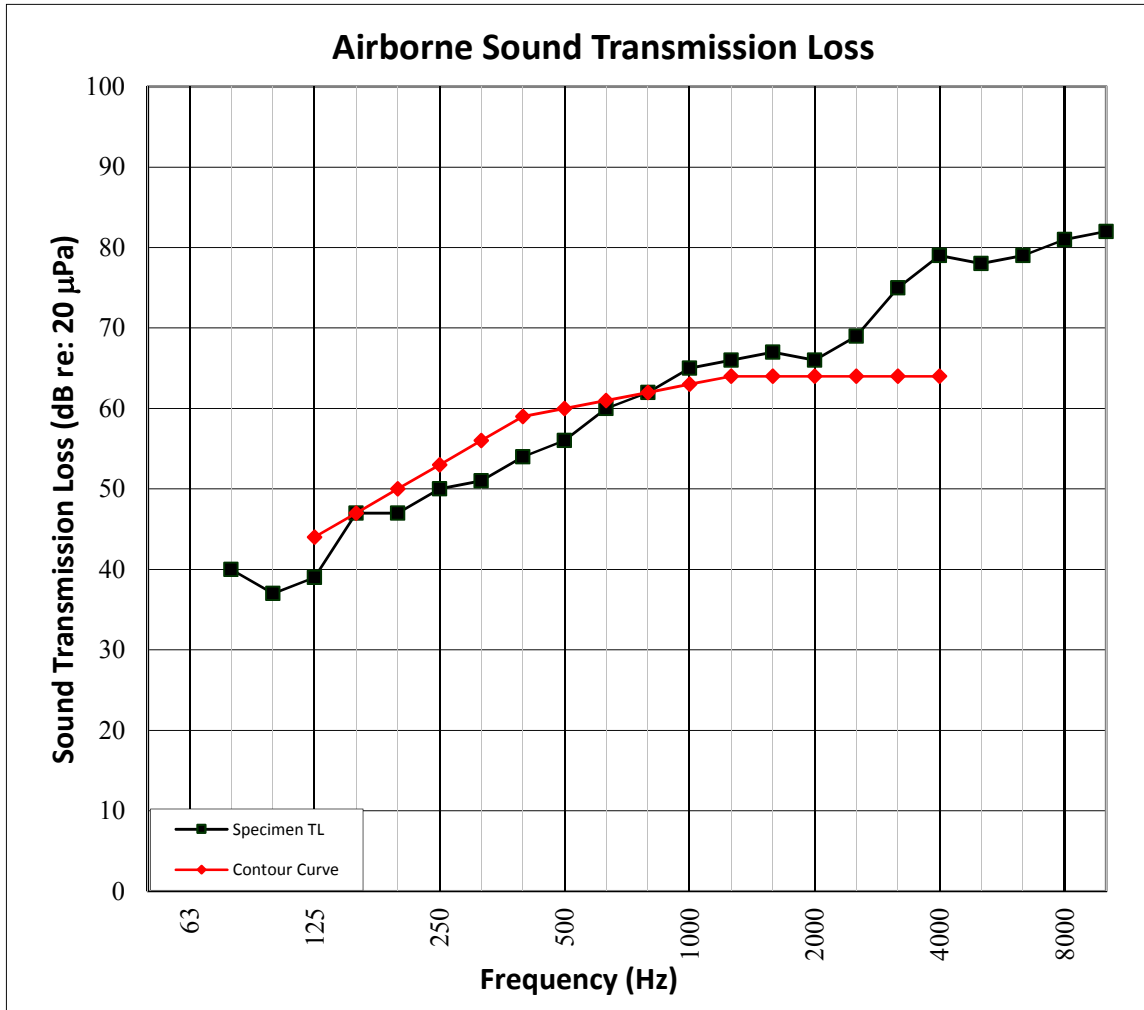
Date: 09/05/19

**SECTION 11**

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



<b>TEST DATE</b>	3/16/2018				
<b>DATA FILE NO.</b>	H4163.18				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Receive Temp.</b>	19.3	<b>Source Temp.</b>	19
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	50%	<b>Source Humidity</b>	50%



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### SECTION 12

#### TEST RESULTS - IMPACT SOUND TRANSMISSION



<b>TEST DATE</b>	3/16/2018				
<b>DATA FILE NO.</b>	H4163.18				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Maximum Temp.</b>	19.3	<b>Minimum Temp.</b>	19
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	50%	<b>Min. Humidity</b>	50%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m <sup>2</sup>	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	25.5	6.9	66	1.7	-
100	24.1	6.2	66	1.2	3
125	24.1	5.3	68	1.7	5
160	18.8	5.2	64	0.7	1
200	10.5	6.1	68	0.8	5
250	13.1	6.4	69	0.7	6
315	6.0	7.0	67	0.5	4
400	6.3	7.4	66	0.5	4
500	8.3	6.1	64	0.3	3
630	3.9	6.2	61	0.2	1
800	1.3	6.3	58	0.2	0
1000	2.7	6.3	51	0.2	0
1250	10.9	6.4	44	0.1	0
1600	1.6	6.7	41	0.1	0
2000	2.2	7.6	44	0.1	0
2500	3.1	8.3	41	0.1	0
3150	4.1	9.0	31	0.1	0
4000	4.3	10.7	24	0.1	-
5000	4.9	13.1	17	0.3	-
6300	5.5	16.5	11	0.3	-
8000	6.0	22.0	9	0.3	-
10000	6.2	27.8	9	0.3	-
<b>IIC Rating</b>	<b>49</b>	<i>(Impact Insulation Class)</i>		<b>Sum of Deficiencies</b>	<b>32</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>	3/16/2018				
<b>DATA FILE NO.</b>	H4163.18				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	15.3 mm Provenza Flooring Old World Hardwood Flooring, 9.4 mm U.S. Rubber Recycling, Inc., 9mm QuietSound 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				
<b>SPECIMEN AREA</b>	11.15 m <sup>2</sup>	<b>Maximum Temp.</b>	19.3	<b>Minimum Temp.</b>	19
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	50%	<b>Min. Humidity</b>	50%

