

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

Report No.: H4163.05-303-11-R0

Date: 09/05/19

**SECTION 10**

**TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS**



<b>TEST DATE</b>	10/27/2017				
<b>DATA FILE NO.</b>	H4163.05				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 5.3 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 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>	20.9	<b>Source Temp.</b>	21.3
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	43%	<b>Source Humidity</b>	43%

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	34.2	7.4	101	62	41	2.1	-
100	28.5	6.5	104	65	42	2.6	-
125	32.1	5.2	102	65	39	1.4	7
160	34.9	5.2	100	61	43	1.5	6
200	24.8	6.3	101	54	49	0.9	3
250	19.3	6.3	98	48	52	0.8	3
315	20.0	7.6	100	47	55	0.8	3
400	17.5	7.0	100	46	56	0.9	5
500	16.5	6.3	100	44	59	0.4	3
630	11.6	6.2	97	32	67	0.4	0
800	9.6	6.3	96	30	69	0.3	0
1000	11.4	6.2	97	26	74	0.3	0
1250	7.4	6.5	99	25	76	0.2	0
1600	5.4	6.9	99	23	78	0.3	0
2000	5.9	7.9	99	23	78	0.2	0
2500	7.0	8.9	100	22	79	0.4	0
3150	7.5	9.9	100	19	81	0.3	0
4000	6.2	11.9	99	15	83	0.5	0
5000	5.6	14.6	96	10	85	0.5	-
6300	6.4	19.3	95	10	82	0.5	-
8000	6.1	26.3	94	8	83	0.3	-
10000	6.3	34.0	93	7	82	0.4	-
<b>STC Rating</b>	<b>62</b>	<i>(Sound Transmission Class)</i>			<b>Sum of Deficiencies</b>	<b>30</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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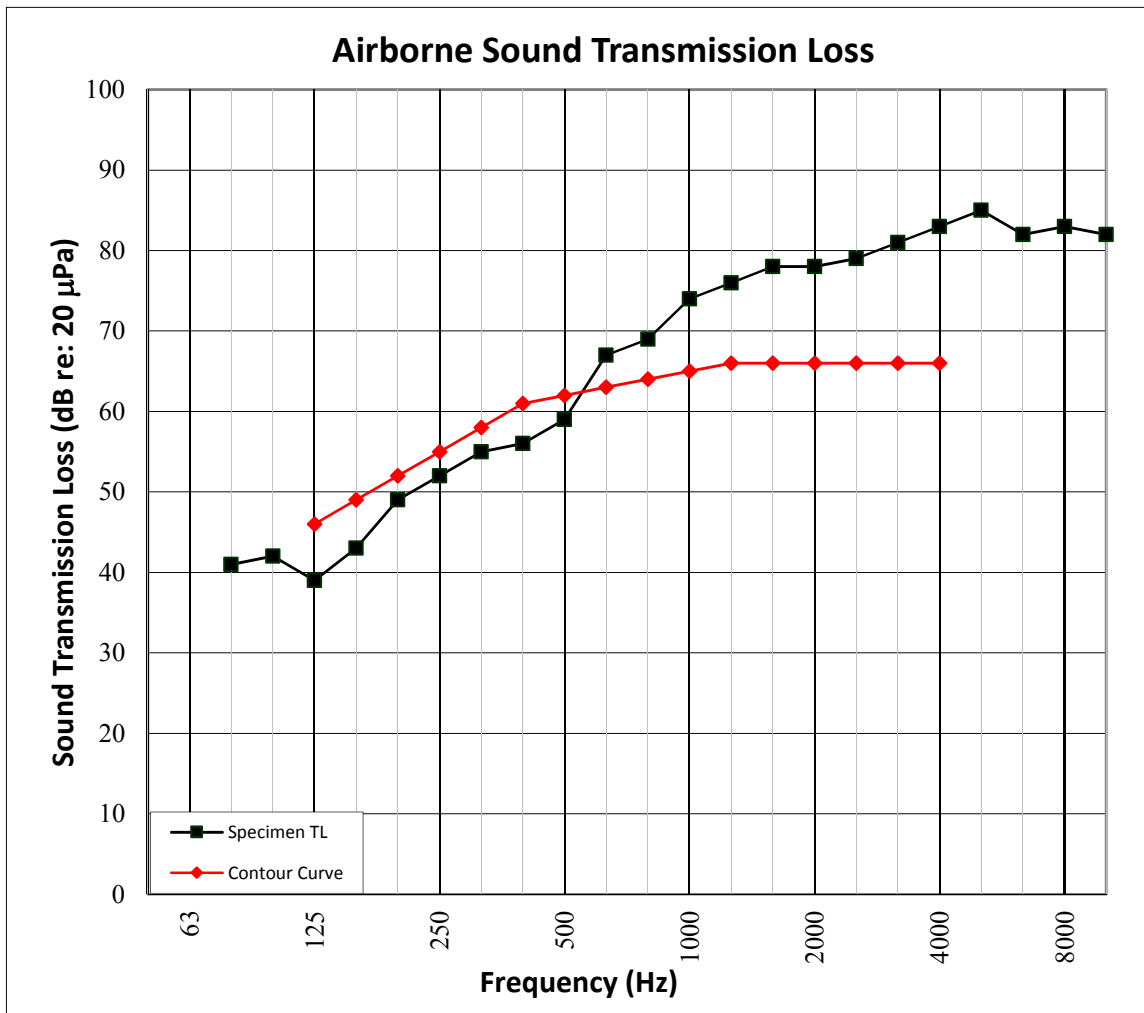
Date: 09/05/19

**SECTION 11**

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



<b>TEST DATE</b>	10/27/2017				
<b>DATA FILE NO.</b>	H4163.05				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 5.3 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 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>	20.9	<b>Source Temp.</b>	21.3
<b>TECHNICIAN</b>	LSH	<b>Receive Humidity</b>	43%	<b>Source Humidity</b>	43%



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**SECTION 12**

**TEST RESULTS - IMPACT SOUND TRANSMISSION**



<b>TEST DATE</b>	10/27/2017				
<b>DATA FILE NO.</b>	H4163.05				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 5.3 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 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>	20.9	<b>Minimum Temp.</b>	21.3
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	43%	<b>Min. Humidity</b>	43%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m <sup>2</sup>	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	33.0	7.5	50	1.8	-
100	26.0	6.6	53	1.6	8
125	30.6	5.6	48	1.2	3
160	34.0	5.0	45	1.1	0
200	24.2	6.2	46	0.6	1
250	19.0	6.2	46	0.8	1
315	19.3	7.5	43	0.6	0
400	16.5	7.0	40	0.5	0
500	15.3	6.4	41	0.6	0
630	10.9	6.3	31	0.3	0
800	9.1	6.3	20	0.3	0
1000	10.6	6.2	13	0.3	0
1250	7.0	6.5	9	0.4	0
1600	5.2	6.8	7	0.6	0
2000	5.1	7.9	7	0.4	0
2500	5.8	8.9	6	0.3	0
3150	6.4	9.7	5	0.5	0
4000	5.4	11.9	5	0.5	-
5000	5.3	14.7	5	0.6	-
6300	5.7	19.3	7	0.5	-
8000	6.1	26.6	8	0.4	-
10000	6.3	33.7	9	0.3	-
<b>IIC Rating</b>	<b>67</b>	<i>(Impact Insulation Class)</i>		<b>Sum of Deficiencies</b>	<b>13</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>	10/27/2017				
<b>DATA FILE NO.</b>	H4163.05				
<b>CLIENT</b>	U.S. Rubber Recycling, Inc.				
<b>DESCRIPTION</b>	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 5.3 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 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>	20.9	<b>Minimum Temp.</b>	21.3
<b>TECHNICIAN</b>	LSH	<b>Max. Humidity</b>	43%	<b>Min. Humidity</b>	43%

