

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

Report No.: J1061.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	61.7°C	Source Temp.	64.2°C
TECHNICIAN	MTS	Receive Humidity	59%	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	19.8	5.6	100	64	39	2.6	-
100	22.0	6.0	104	69	38	1.8	-
125	19.7	4.0	102	67	39	1.4	2
160	14.3	5.4	100	65	39	1.0	5
200	10.8	5.9	100	59	43	1.0	4
250	10.9	6.6	98	54	47	0.9	3
315	11.5	7.0	101	56	47	0.8	6
400	13.9	6.8	102	54	50	0.9	6
500	13.1	5.8	99	49	53	0.5	4
630	7.8	5.8	95	41	57	0.6	1
800	7.7	5.8	94	39	58	0.4	1
1000	5.6	5.7	96	36	63	0.5	0
1250	4.6	6.1	97	35	65	0.5	0
1600	4.2	6.4	97	33	67	1.2	0
2000	3.2	7.1	97	28	71	1.2	0
2500	3.7	8.0	98	25	75	0.7	0
3150	4.5	8.8	98	22	77	0.7	0
4000	4.9	10.6	98	21	77	1.7	0
5000	5.5	13.2	95	18	76	2.9	-
6300	6.1	17.2	93	14	77	1.5	-
8000	6.6	22.9	94	11	80	1.3	-
10000	6.6	29.2	93	8	81	0.9	-
STC Rating	57	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	32	

- 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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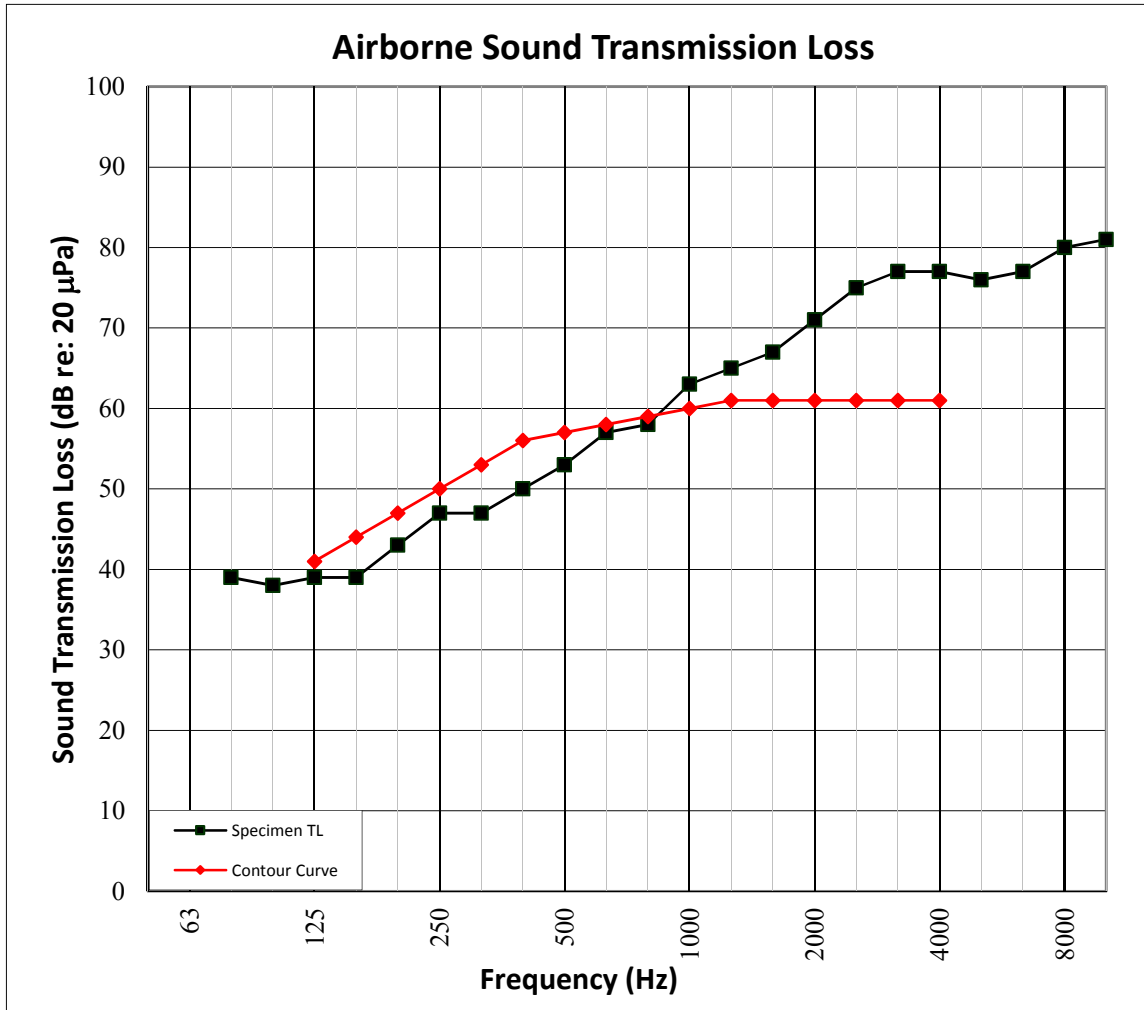
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SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	61.7°C	Source Temp.	64.2°C
TECHNICIAN	MTS	Receive Humidity	59%	Source Humidity	56%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	61.7°C	Minimum Temp.	64.2°C
TECHNICIAN	MTS	Max. Humidity	59%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	24.4	5.5	52	2.0	-
100	24.1	6.0	56	1.6	0
125	21.9	3.8	59	1.5	0
160	17.5	5.1	60	0.9	0
200	11.9	5.7	63	0.8	3
250	11.2	6.7	63	0.8	3
315	12.1	7.0	63	1.1	3
400	14.0	6.6	61	0.3	2
500	13.9	5.9	64	0.6	6
630	5.9	5.9	61	0.5	4
800	6.1	5.8	60	0.4	4
1000	4.8	5.8	54	0.2	0
1250	4.0	6.1	49	0.3	0
1600	3.4	6.3	47	0.4	0
2000	3.3	7.1	41	0.5	0
2500	3.8	7.9	34	0.5	0
3150	4.7	8.7	31	0.4	0
4000	4.9	10.7	28	0.6	-
5000	5.4	13.0	25	0.8	-
6300	6.2	17.2	21	0.9	-
8000	6.6	23.0	15	1.1	-
10000	6.6	29.4	14	1.5	-
IIC Rating	52	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	25

Notes: Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.

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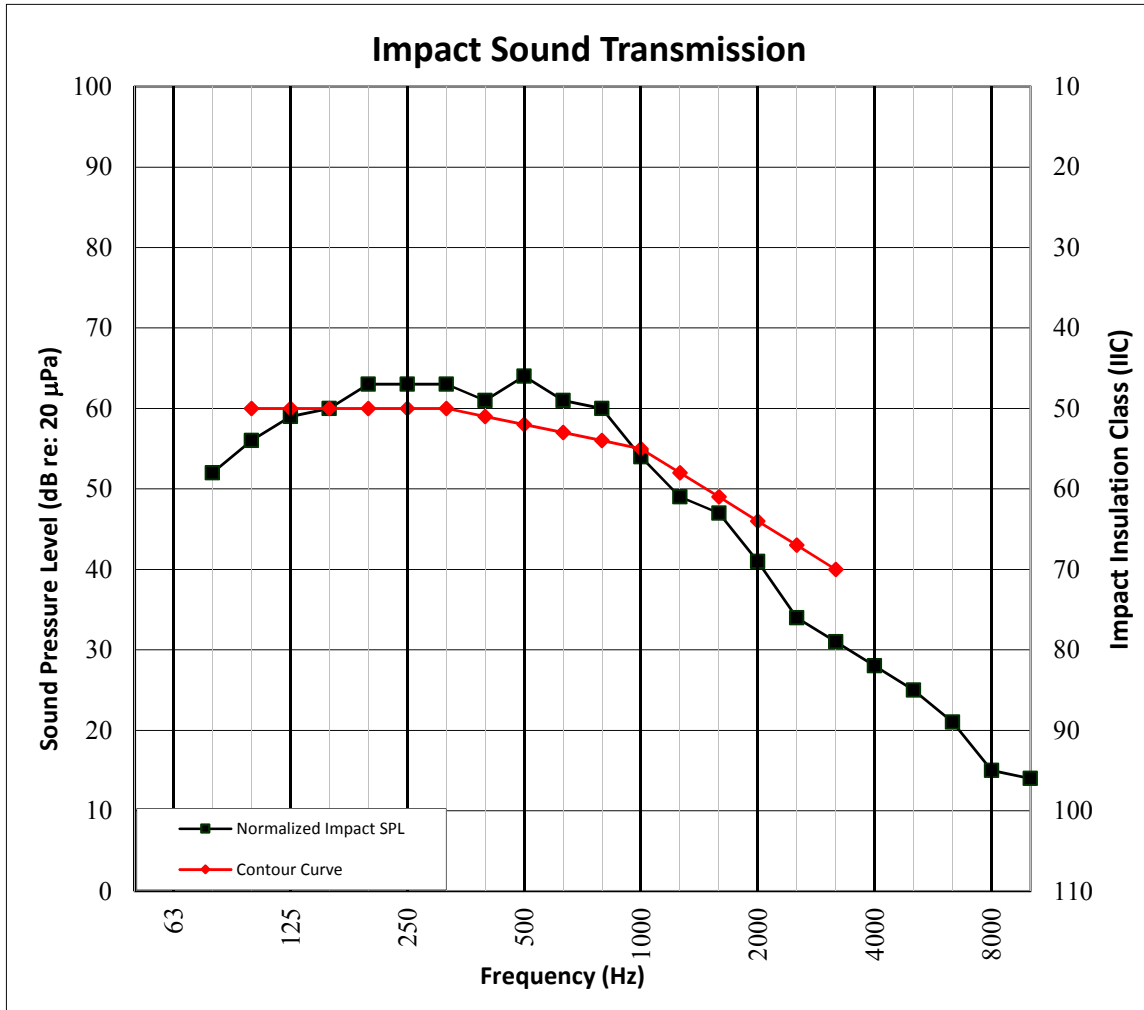
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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	61.7°C	Minimum Temp.	64.2°C
TECHNICIAN	MTS	Max. Humidity	59%	Min. Humidity	56%



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SECTION 14

TEST RESULTS - DELTA IMPACT INSULATION



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	61.7°C	Minimum Temp.	64.2°C
TECHNICIAN	MTS	Max. Humidity	59%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL BARE (dB)	95% CONF LIMIT	NORMALIZED IMPACT SPL SPEC (dB)	95% CONF LIMIT	RESULT ARRAY L _{ref,c}	NUMBER OF DEFICIENCIES
100	24.1	6.0	55.7	1.7	55.9	2.0	67.0	2
125	21.9	3.8	59.3	1.8	58.8	1.8	67.0	2
160	17.5	5.1	60.0	1.0	59.6	1.1	68.0	3
200	11.9	5.7	64.3	1.2	62.5	0.9	67.0	2
250	11.2	6.7	65.8	1.2	63.4	0.9	67.0	2
315	12.1	7.0	66.1	1.3	63.5	1.4	67.0	2
400	14.0	6.6	62.8	0.5	60.7	0.4	68.0	4
500	13.9	5.9	67.5	0.7	63.8	0.7	67.0	4
630	5.9	5.9	65.4	0.5	60.7	0.6	66.0	4
800	6.1	5.8	67.6	0.5	60.2	0.5	64.0	3
1000	4.8	5.8	67.1	0.3	53.7	0.3	59.0	0
1250	4.0	6.1	69.1	0.3	49.0	0.4	52.0	0
1600	3.4	6.3	69.3	0.5	47.2	0.5	50.0	0
2000	3.3	7.1	70.0	0.5	41.3	0.6	43.0	0
2500	3.8	7.9	70.2	0.6	34.3	0.6	36.0	0
3150	4.7	8.7	71.5	0.5	30.5	0.5	31.0	0
ΔIIC Rating	19	<i>(Delta Impact Insulation Class)</i>			Sum of Deficiencies		28	

Notes: Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.

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SECTION 15

TEST RESULTS - DELTA IMPACT INSULATION GRAPH



TEST DATE	11/26/2018				
DATA FILE NO.	J1061.01				
CLIENT	U.S. Rubber Recycling , Inc.				
DESCRIPTION	15.4 mm Brentwood White Oak Plank, 10.3 mm 10mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	61.7°C	Minimum Temp.	64.2°C
TECHNICIAN	MTS	Max. Humidity	59%	Min. Humidity	56%

