

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

Report No.: J1063.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	11/26/2018				
DATA FILE NO.	J1063.01				
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.	65.4°C	Source Temp.	64.3°C
TECHNICIAN	MTS	Receive Humidity	53%	Source Humidity	51%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	23.7	5.4	100	64	39	2.6	-
100	23.7	5.8	104	68	39	1.5	-
125	22.4	3.5	101	68	39	1.3	1
160	16.7	5.1	99	65	38	1.2	5
200	12.0	6.0	99	60	41	1.1	5
250	11.8	6.6	97	55	44	0.8	5
315	12.9	7.1	99	55	45	1.0	7
400	13.5	6.8	101	52	51	0.6	4
500	13.9	5.8	99	46	56	0.5	0
630	5.8	5.9	95	34	64	0.5	0
800	5.7	5.7	94	31	66	0.5	0
1000	5.5	5.7	95	28	71	0.5	0
1250	4.8	6.1	97	27	72	0.4	0
1600	4.0	6.3	97	25	75	0.5	0
2000	5.1	7.2	97	24	76	0.4	0
2500	5.8	8.0	98	23	77	0.4	0
3150	6.0	8.9	98	21	78	0.4	0
4000	5.2	10.9	97	17	80	0.4	0
5000	5.6	13.5	94	12	82	0.5	-
6300	6.2	17.8	93	12	79	0.6	-
8000	6.6	23.7	93	9	81	0.8	-
10000	6.6	30.6	93	8	81	0.9	-
STC Rating	56	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	27	

- 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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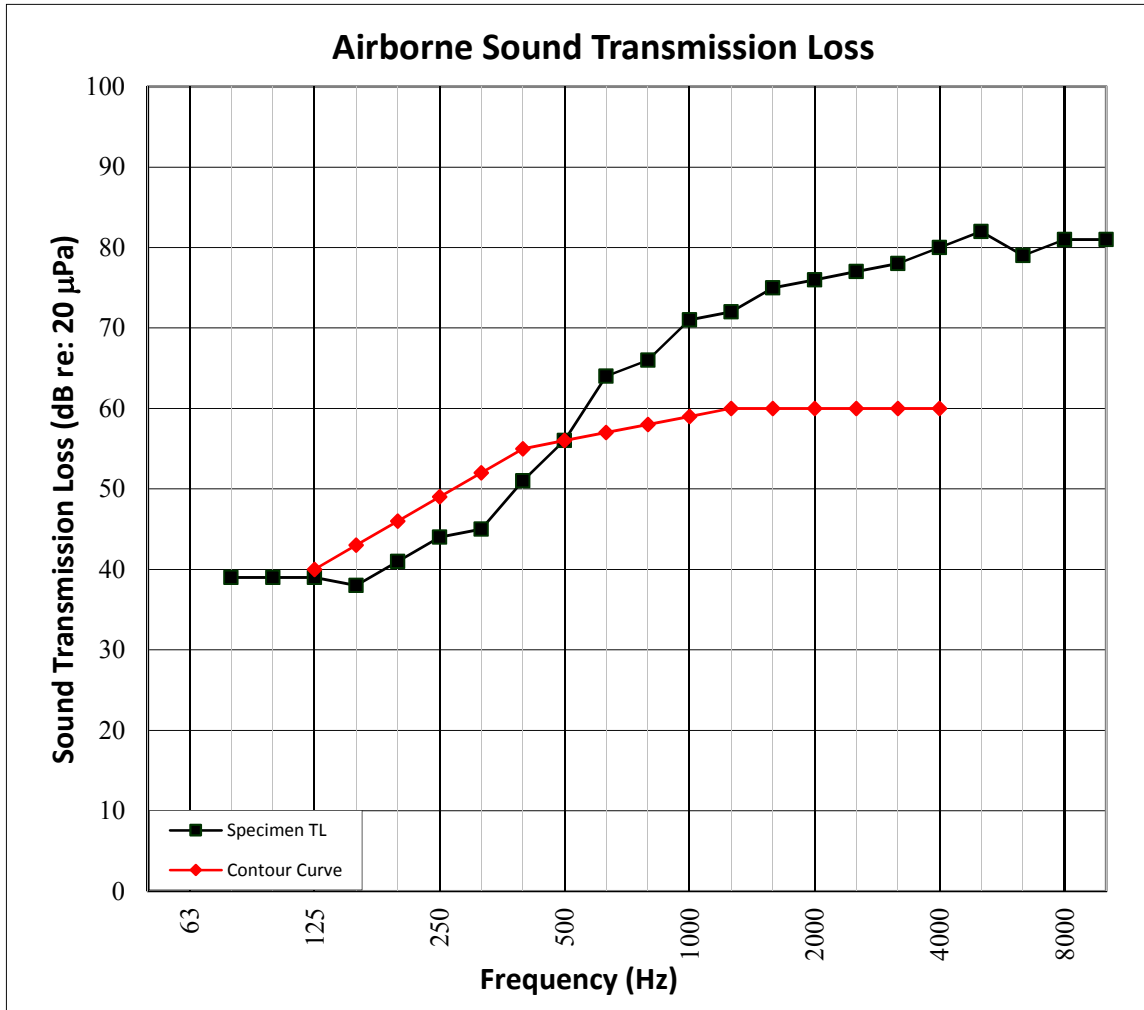
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SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	11/26/2018				
DATA FILE NO.	J1063.01				
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.	65.4°C	Source Temp.	64.3°C
TECHNICIAN	MTS	Receive Humidity	53%	Source Humidity	51%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	11/26/2018				
DATA FILE NO.	J1063.01				
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.	65.4°C	Minimum Temp.	64.3°C
TECHNICIAN	MTS	Max. Humidity	53%	Min. Humidity	51%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	19.4	5.5	52	2.0	-
100	19.3	5.6	57	1.6	0
125	19.8	3.6	58	1.4	0
160	13.3	5.2	60	0.7	2
200	8.7	6.0	64	0.7	6
250	9.4	6.6	66	0.7	8
315	11.4	6.8	64	0.9	6
400	13.4	6.6	57	0.5	0
500	11.3	5.8	54	0.5	0
630	4.1	5.8	48	0.3	0
800	5.4	5.7	45	0.3	0
1000	4.7	5.7	39	0.2	0
1250	3.8	6.1	34	0.3	0
1600	3.1	6.3	31	0.4	0
2000	3.1	7.2	29	0.5	0
2500	3.6	8.0	23	0.5	0
3150	4.4	8.9	18	0.4	0
4000	4.8	10.8	10	0.4	-
5000	5.5	13.5	6	0.2	-
6300	6.1	17.8	7	0.2	-
8000	6.6	23.6	8	0.4	-
10000	6.6	30.2	10	0.4	-
IIC Rating	54	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	22

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

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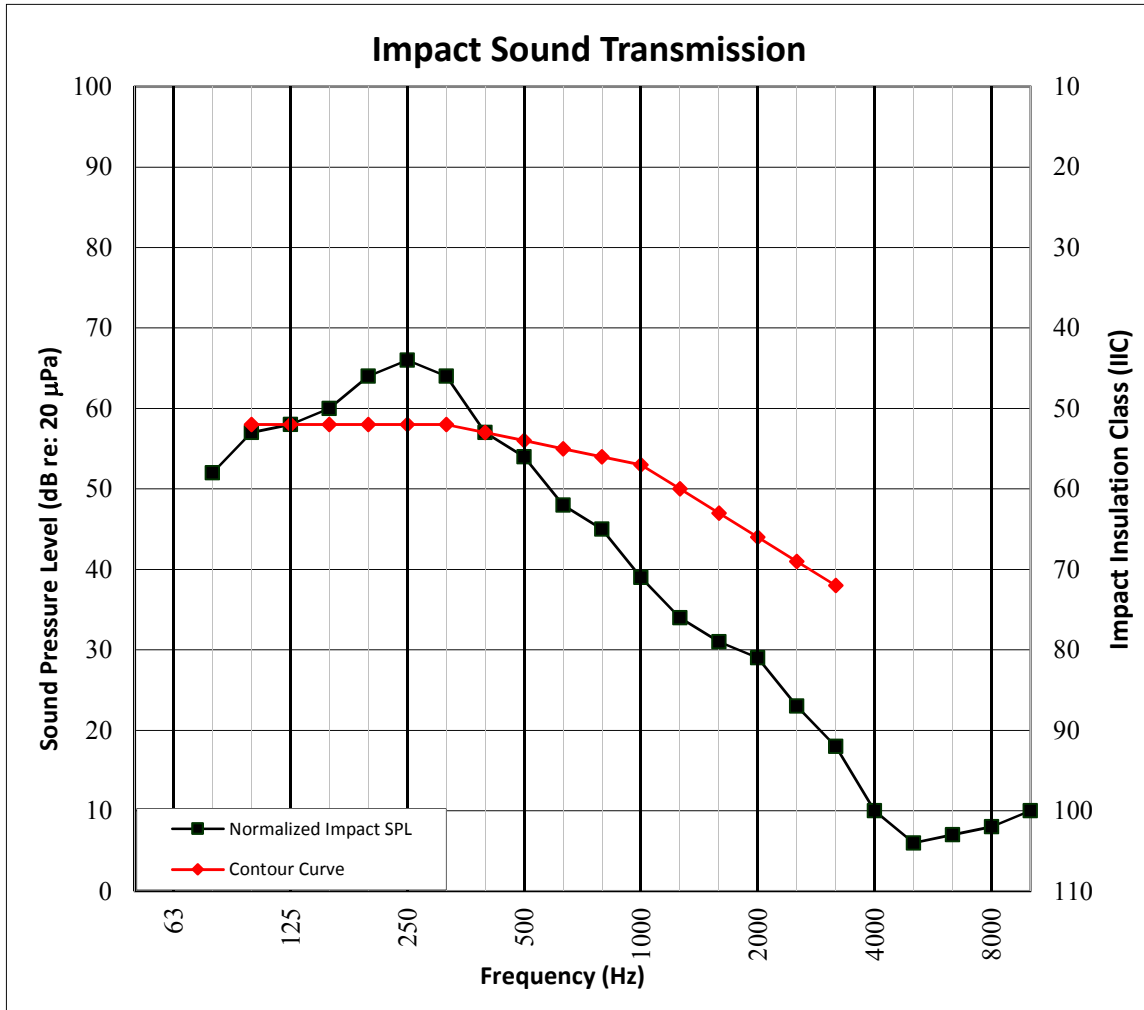
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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	11/26/2018				
DATA FILE NO.	J1063.01				
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.	65.4°C	Minimum Temp.	64.3°C
TECHNICIAN	MTS	Max. Humidity	53%	Min. Humidity	51%



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SECTION 14

TEST RESULTS - DELTA IMPACT INSULATION



TEST DATE	11/26/2018				
DATA FILE NO.	J1063.01				
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.	65.4°C	Minimum Temp.	64.3°C
TECHNICIAN	MTS	Max. Humidity	53%	Min. Humidity	51%

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	19.3	5.6	55.4	1.7	56.5	2.0	68.0	5
125	19.8	3.6	59.0	1.8	58.0	1.8	66.0	3
160	13.3	5.2	60.1	1.0	59.8	0.9	68.0	5
200	8.7	6.0	64.5	1.2	63.8	0.8	68.0	5
250	9.4	6.6	65.8	1.2	65.5	0.8	69.0	6
315	11.4	6.8	65.9	1.3	63.8	1.1	67.0	4
400	13.4	6.6	62.8	0.5	56.8	0.7	64.0	2
500	11.3	5.8	67.4	0.7	54.4	0.7	57.0	0
630	4.1	5.8	65.3	0.5	48.1	0.4	54.0	0
800	5.4	5.7	67.6	0.5	44.8	0.4	49.0	0
1000	4.7	5.7	67.0	0.3	38.7	0.3	44.0	0
1250	3.8	6.1	69.1	0.3	33.9	0.4	37.0	0
1600	3.1	6.3	69.4	0.5	31.1	0.5	34.0	0
2000	3.1	7.2	70.0	0.5	29.2	0.6	31.0	0
2500	3.6	8.0	70.3	0.6	23.3	0.6	25.0	0
3150	4.4	8.9	71.5	0.5	17.7	0.5	18.0	0
ΔIIC Rating	21	<i>(Delta Impact Insulation Class)</i>			Sum of Deficiencies		30	

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.	J1063.01				
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.	65.4°C	Minimum Temp.	64.3°C
TECHNICIAN	MTS	Max. Humidity	53%	Min. Humidity	51%

