

TEST REPORT FOR U.S RUBBER RECYCLING, INC.

Report No.: I9899.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	65.6°C	Source Temp.	64.2°C
TECHNICIAN	TND	Receive Humidity	57%	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	26.2	5.4	99	63	39	2.5	-
100	22.9	5.6	105	69	39	1.6	-
125	24.4	4.0	102	67	39	1.6	2
160	19.0	4.9	100	64	39	0.9	5
200	12.0	6.0	99	59	43	0.9	4
250	11.1	6.5	98	53	46	1.1	4
315	11.4	7.1	101	55	47	0.9	6
400	13.0	6.8	102	54	50	1.2	6
500	13.1	5.7	100	49	54	0.5	3
630	6.1	5.8	96	41	58	0.6	0
800	7.4	5.9	95	39	58	0.5	1
1000	5.2	5.6	96	37	62	0.4	0
1250	4.3	5.8	97	36	64	0.5	0
1600	3.7	6.3	97	34	66	0.5	0
2000	3.5	7.1	98	32	68	0.4	0
2500	4.3	7.8	98	30	70	0.4	0
3150	4.4	8.7	99	28	71	0.6	0
4000	4.8	10.4	98	24	74	0.5	0
5000	5.5	12.9	95	18	77	0.6	-
6300	6.2	16.4	94	14	78	0.8	-
8000	6.7	22.4	94	11	80	1.0	-
10000	6.7	29.0	94	10	80	1.0	-
STC Rating	57	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	31	

- 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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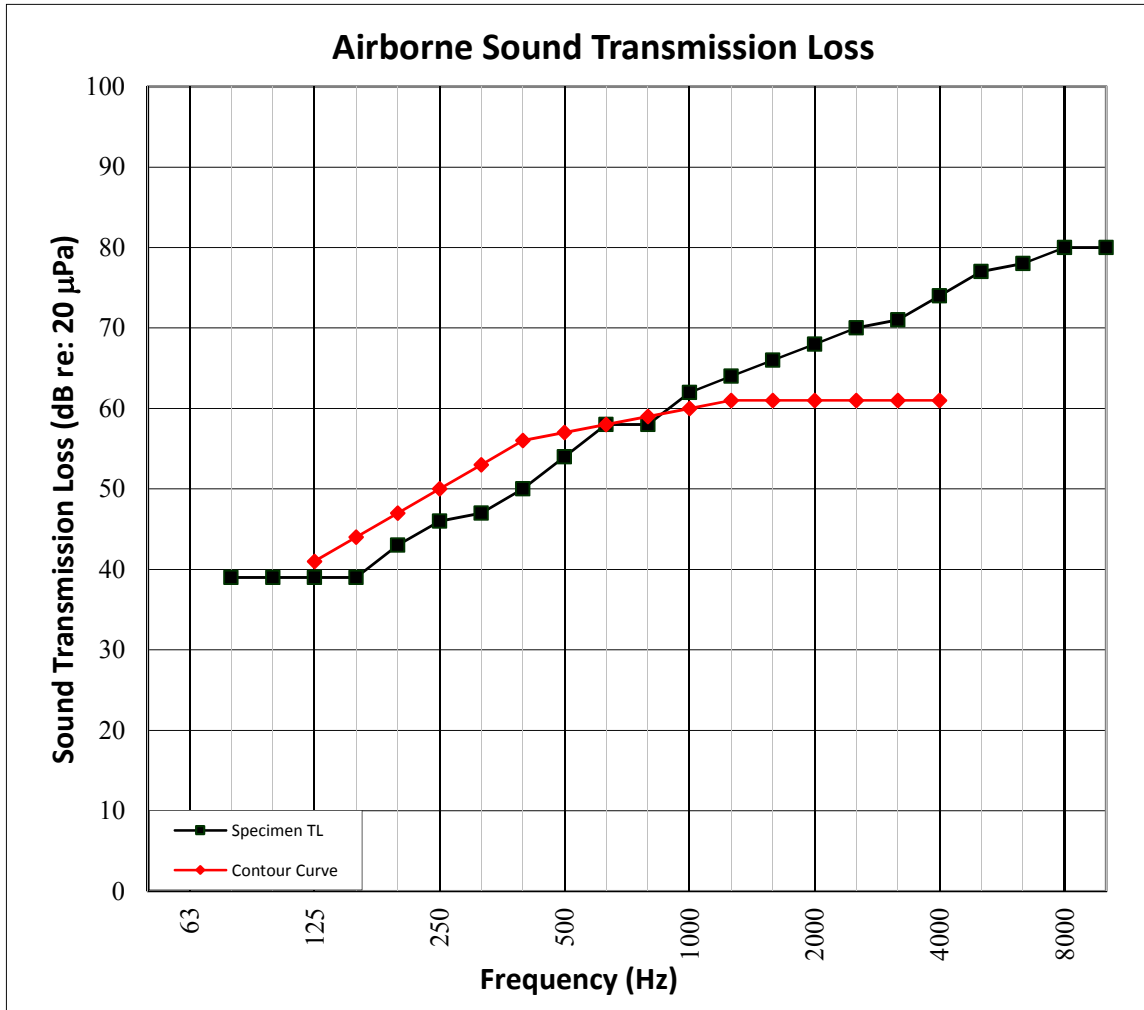
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	65.6°C	Source Temp.	64.2°C
TECHNICIAN	TND	Receive Humidity	57%	Source Humidity	56%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	65.6°C	Minimum Temp.	64.2°C
TECHNICIAN	TND	Max. Humidity	57%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	22.5	5.8	52	1.9	-
100	22.0	5.9	55	1.4	0
125	23.6	4.0	61	1.8	0
160	15.7	5.1	59	0.6	0
200	10.7	5.9	64	1.3	2
250	10.3	6.3	63	1.1	1
315	11.1	6.9	64	1.1	2
400	12.5	6.6	61	0.5	0
500	12.4	5.7	64	0.6	4
630	5.2	5.6	61	0.5	2
800	6.3	5.8	62	0.5	4
1000	5.3	5.6	59	0.4	2
1250	3.6	5.9	58	0.5	4
1600	3.4	6.2	53	0.5	2
2000	3.2	7.1	48	0.8	0
2500	3.5	7.8	39	0.9	0
3150	4.3	8.6	29	1.1	0
4000	4.8	10.4	22	1.0	-
5000	5.5	13.0	17	0.9	-
6300	6.2	16.7	13	0.9	-
8000	6.6	22.4	11	0.9	-
10000	6.7	28.9	14	1.5	-
IIC Rating	50	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	23

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

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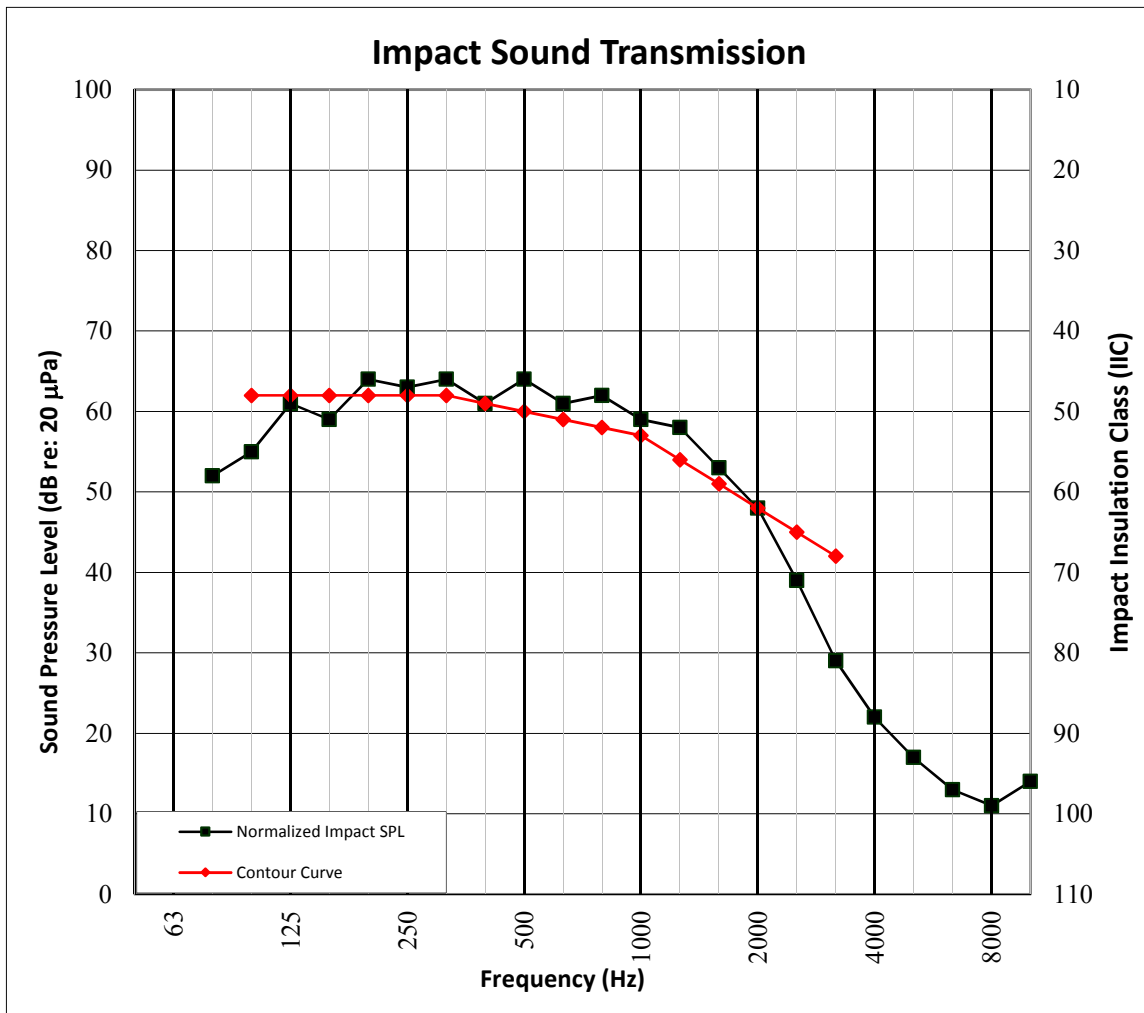
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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	65.6°C	Minimum Temp.	64.2°C
TECHNICIAN	TND	Max. Humidity	57%	Min. Humidity	56%



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SECTION 14

TEST RESULTS - DELTA IMPACT INSULATION



TEST DATE	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	65.6°C	Minimum Temp.	64.2°C
TECHNICIAN	TND	Max. Humidity	57%	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	22.0	5.9	57.1	1.2	54.6	1.8	64.0	0
125	23.6	4.0	61.0	1.9	60.9	2.3	67.0	2
160	15.7	5.1	60.7	0.9	58.8	0.8	66.0	1
200	10.7	5.9	65.8	0.8	64.3	1.6	67.0	2
250	10.3	6.3	66.1	1.2	63.2	1.3	66.0	1
315	11.1	6.9	66.9	1.3	64.3	1.4	67.0	2
400	12.5	6.6	63.5	0.6	60.5	0.7	67.0	3
500	12.4	5.7	67.8	1.0	63.9	0.8	67.0	4
630	5.2	5.6	65.3	0.5	61.1	0.6	67.0	5
800	6.3	5.8	68.1	0.6	61.7	0.6	65.0	4
1000	5.3	5.6	67.4	0.3	59.0	0.5	64.0	4
1250	3.6	5.9	69.7	0.5	57.8	0.6	60.0	3
1600	3.4	6.2	70.0	0.4	53.3	0.6	55.0	1
2000	3.2	7.1	70.6	0.6	47.7	0.9	49.0	0
2500	3.5	7.8	70.5	0.6	39.2	1.1	41.0	0
3150	4.3	8.6	71.7	0.6	29.0	1.4	29.0	0
ΔIIC Rating	19	<i>(Delta Impact Insulation Class)</i>			Sum of Deficiencies		32	

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	10/29/2018				
DATA FILE NO.	I9899.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	2.05 mm Shaw Luxury Vinyl Plank, 2.1 mm U. S Rubber Recycling 2mm QuietSound Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	65.6°C	Minimum Temp.	64.2°C
TECHNICIAN	TND	Max. Humidity	57%	Min. Humidity	56%

