

TEST REPORT FOR U.S RUBBER RECYCLING, INC.

Report No.: J6659.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	20.5°C	Source Temp.	17.9°C
TECHNICIAN	TND	Receive Humidity	55%	Source Humidity	55%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	24.1	6.0	100	67	36	2.4	-
100	24.9	6.3	104	69	38	1.3	-
125	25.9	4.5	102	66	39	1.4	0
160	18.3	5.3	100	65	38	0.9	2
200	11.7	6.2	99	59	43	0.7	0
250	10.9	7.3	98	55	45	0.9	1
315	8.9	7.6	100	59	43	1.0	6
400	4.5	7.1	100	59	44	0.7	8
500	8.0	6.3	98	53	48	0.5	5
630	2.9	6.2	95	40	57	0.6	0
800	3.1	6.3	94	37	60	0.3	0
1000	3.5	6.1	96	32	66	0.4	0
1250	2.7	6.4	98	31	70	0.4	0
1600	2.4	6.6	97	28	72	0.2	0
2000	2.5	7.5	98	26	74	0.3	0
2500	3.3	8.3	99	24	75	0.4	0
3150	4.0	8.8	99	22	77	0.3	0
4000	4.4	10.2	97	19	79	0.4	0
5000	5.0	12.3	95	13	81	0.5	-
6300	5.6	15.4	93	13	79	0.5	-
8000	6.0	20.2	93	10	80	0.6	-
10000	6.3	25.8	93	9	80	0.7	-
STC Rating	53	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	22	

- 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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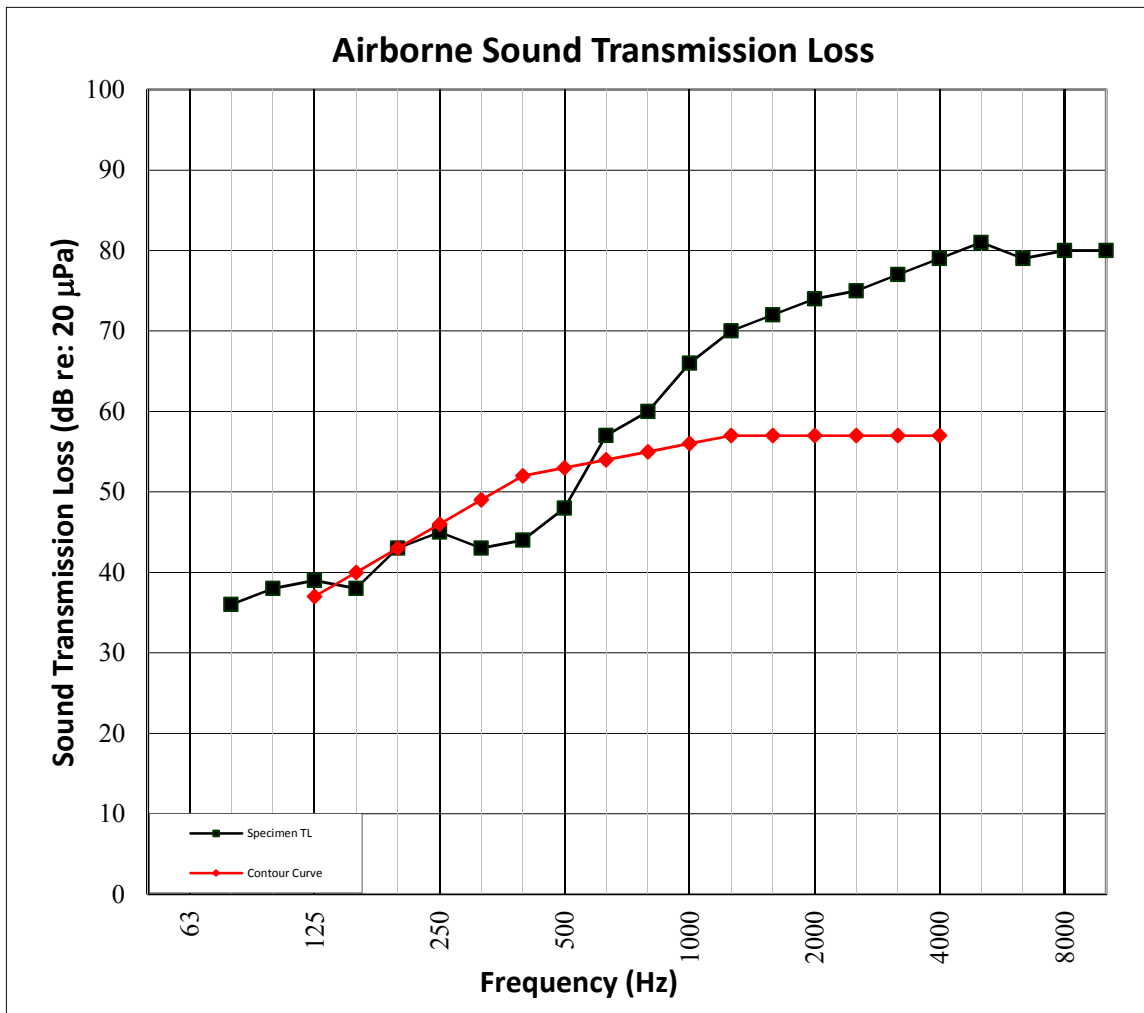
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	20.5°C	Source Temp.	17.9°C
TECHNICIAN	TND	Receive Humidity	55%	Source Humidity	55%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	20.5°C	Minimum Temp.	20.5°C
TECHNICIAN	TND	Max. Humidity	55%	Min. Humidity	55%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	26.3	6.0	55	1.6	-
100	25.3	6.0	54	1.1	0
125	26.8	4.5	61	1.3	6
160	18.1	5.2	58	1.0	3
200	12.7	6.1	59	0.7	4
250	12.6	7.1	61	0.8	6
315	11.8	7.7	59	0.9	4
400	9.2	6.9	56	0.6	2
500	9.4	6.2	56	0.7	3
630	4.3	6.3	49	0.3	0
800	3.6	6.3	43	0.4	0
1000	3.7	6.1	36	0.2	0
1250	3.4	6.5	33	0.4	0
1600	3.0	6.7	28	0.4	0
2000	3.4	7.3	24	0.4	0
2500	3.9	8.2	19	0.5	0
3150	4.2	8.7	17	0.5	0
4000	4.4	10.2	14	0.7	-
5000	5.0	12.3	8	0.4	-
6300	5.6	15.5	7	0.6	-
8000	6.1	20.3	7	0.6	-
10000	6.3	26.0	9	0.3	-
IIC Rating	57	<i>(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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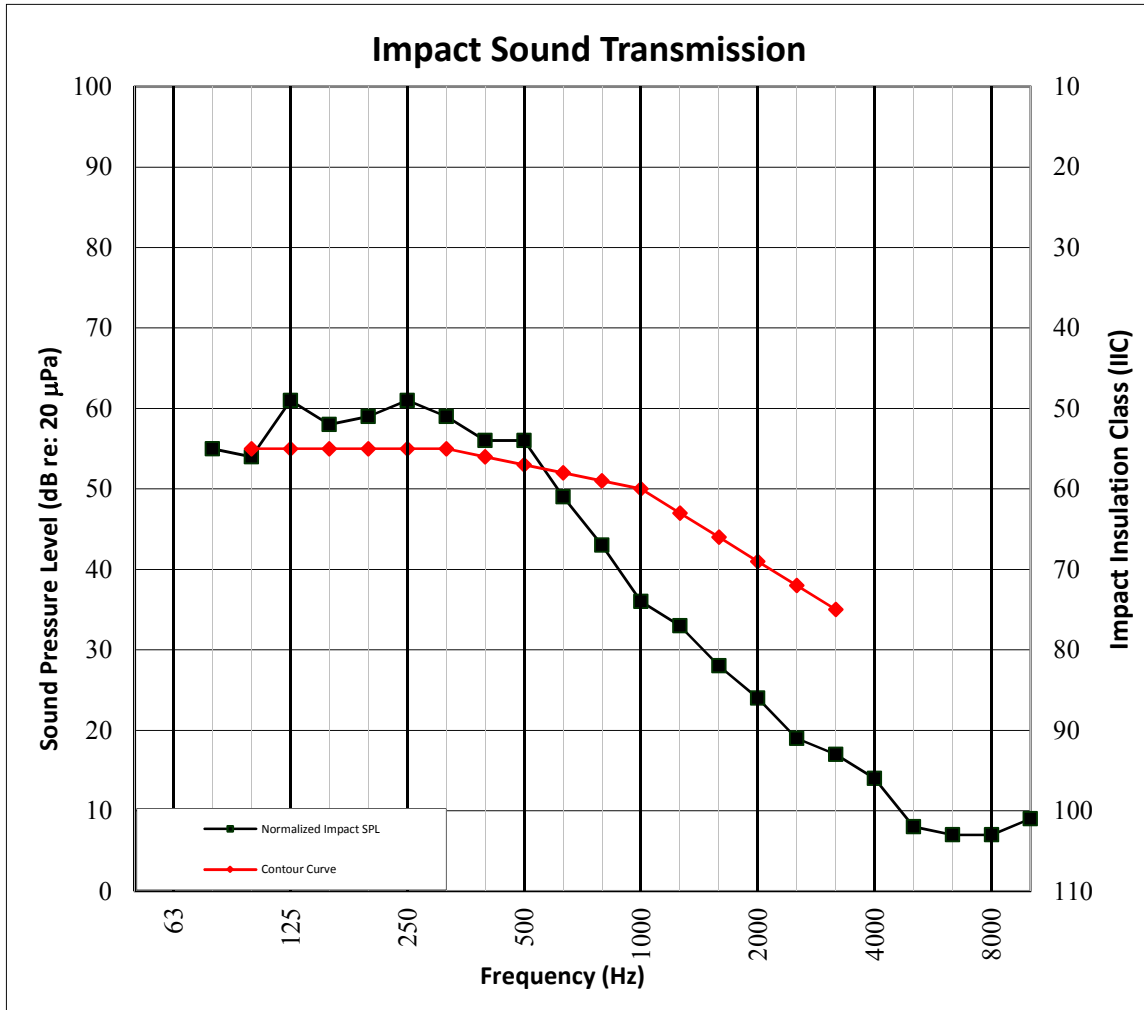
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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	20.5°C	Minimum Temp.	20.5°C
TECHNICIAN	TND	Max. Humidity	55%	Min. Humidity	55%



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SECTION 14

TEST RESULTS - DELTA IMPACT INSULATION



TEST DATE	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	20.5°C	Minimum Temp.	20.5°C
TECHNICIAN	TND	Max. Humidity	55%	Min. Humidity	55%

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	25.3	6.0	57.6	1.5	53.9	1.4	63.0	3
125	26.8	4.5	65.3	2.5	60.5	1.7	63.0	3
160	18.1	5.2	61.7	1.4	57.9	1.2	64.0	4
200	12.7	6.1	63.8	1.0	59.2	0.9	64.0	4
250	12.6	7.1	65.5	0.9	61.4	0.9	65.0	5
315	11.8	7.7	65.3	1.3	58.8	1.1	63.0	3
400	9.2	6.9	63.1	0.6	56.0	0.7	63.0	4
500	9.4	6.2	68.0	1.0	55.7	0.9	58.0	0
630	4.3	6.3	66.0	0.4	48.9	0.4	54.0	0
800	3.6	6.3	68.8	0.6	42.8	0.5	46.0	0
1000	3.7	6.1	67.8	0.3	36.3	0.3	40.0	0
1250	3.4	6.5	69.5	0.3	32.7	0.4	35.0	0
1600	3.0	6.7	70.7	0.3	28.3	0.5	30.0	0
2000	3.4	7.3	70.5	0.4	23.7	0.5	25.0	0
2500	3.9	8.2	70.6	0.5	19.4	0.7	21.0	0
3150	4.2	8.7	71.6	0.6	17.4	0.6	18.0	0
ΔIIC Rating	24	<i>(Delta Impact Insulation Class)</i>			Sum of Deficiencies		26	

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	4/24/2019				
DATA FILE NO.	J6659.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	6.77 mm Quick Step Wood Plank Flooring, 5.11 mm 5mm QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	20.5°C	Minimum Temp.	20.5°C
TECHNICIAN	TND	Max. Humidity	55%	Min. Humidity	55%

