

TEST REPORT FOR U.S RUBBER RECYCLING, INC.

Report No.: J6402.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	4/23/2019				
DATA FILE NO.	J6402.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	7.73 mm Daltile Porcelain Tile, 9.96 mm 9mm Quietsound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.2°C	Source Temp.	19.4°C
TECHNICIAN	TND	Receive Humidity	60%	Source Humidity	60%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	23.5	6.1	100	65	38	2.8	-
100	21.0	5.8	104	68	39	1.4	-
125	25.6	4.6	102	67	39	1.8	1
160	17.0	5.3	100	65	38	0.7	5
200	10.8	6.4	99	59	43	0.9	3
250	12.3	7.0	98	55	45	0.8	4
315	9.4	7.5	101	56	46	0.7	6
400	6.6	7.1	102	54	50	0.5	5
500	10.6	6.2	100	50	53	0.5	3
630	4.4	6.2	96	42	56	0.5	1
800	3.6	6.3	94	42	55	0.3	3
1000	3.8	6.3	96	38	60	0.3	0
1250	3.0	6.5	98	37	64	0.5	0
1600	2.8	6.7	97	31	69	0.4	0
2000	2.8	7.5	98	28	72	0.4	0
2500	3.6	8.1	99	25	75	0.5	0
3150	4.5	8.8	99	23	77	0.5	0
4000	4.6	10.1	97	19	79	0.4	0
5000	5.2	12.2	95	13	82	0.4	-
6300	5.6	15.6	94	13	80	0.5	-
8000	6.1	20.2	93	10	81	0.7	-
10000	6.3	25.7	93	8	81	0.7	-
STC Rating	56	<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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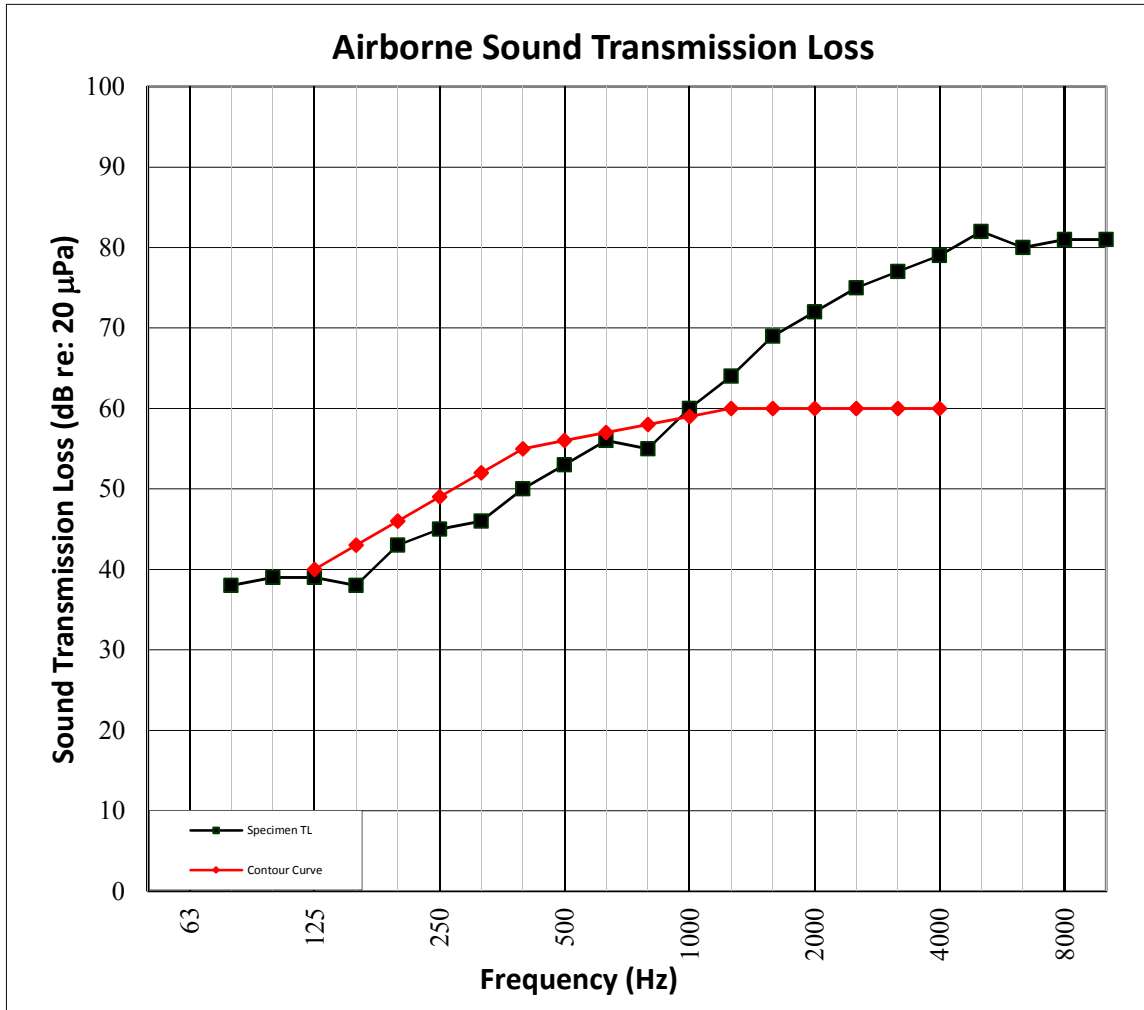
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SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	4/23/2019				
DATA FILE NO.	J6402.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	7.73 mm Daltile Porcelain Tile, 9.96 mm 9mm Quietsound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.2°C	Source Temp.	19.4°C
TECHNICIAN	TND	Receive Humidity	60%	Source Humidity	60%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	4/23/2019				
DATA FILE NO.	J6402.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	7.73 mm Daltile Porcelain Tile, 9.96 mm 9mm Quietsound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.2°C	Minimum Temp.	19.2°C
TECHNICIAN	TND	Max. Humidity	60%	Min. Humidity	60%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	23.4	6.0	56	1.9	-
100	20.9	5.7	55	1.2	0
125	25.5	4.6	62	1.7	2
160	17.1	5.1	60	1.1	0
200	10.7	6.3	62	0.9	2
250	12.5	6.8	63	0.6	3
315	8.8	7.5	63	0.7	3
400	5.4	7.1	62	0.4	3
500	10.6	6.3	65	0.4	7
630	4.4	6.2	63	0.3	6
800	3.9	6.4	62	0.4	6
1000	4.8	6.2	55	0.3	0
1250	4.2	6.4	49	0.3	0
1600	5.2	6.7	48	0.4	0
2000	6.8	7.5	43	0.4	0
2500	11.2	8.2	39	0.4	0
3150	12.0	8.8	38	0.6	0
4000	8.4	10.1	36	0.9	-
5000	7.6	12.2	34	1.0	-
6300	7.8	15.5	32	1.3	-
8000	6.8	20.4	28	1.4	-
10000	6.7	25.8	27	1.9	-
IIC Rating	52	<i>(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 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	4/23/2019				
DATA FILE NO.	J6402.01				
CLIENT	U.S Rubber Recycling, Inc.				
DESCRIPTION	7.73 mm Daltile Porcelain Tile, 9.96 mm 9mm Quietsound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.2°C	Minimum Temp.	19.2°C
TECHNICIAN	TND	Max. Humidity	60%	Min. Humidity	60%

