

TEST REPORT FOR U.S. RUBBER RECYCLING,INC

Report No.: J6402.02-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	4/26/2019				
DATA FILE NO.	J6402.02				
CLIENT	U.S. Rubber Recycling,INC				
DESCRIPTION	7.7 mm Daltile Porcelain Tile, 10 mm 10mm QuietSound HD Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	18.7°C	Source Temp.	18.7°C
TECHNICIAN	LSH	Receive Humidity	53%	Source Humidity	54%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	21.5	6.7	100	61	42	2.1	-
100	22.0	6.2	105	68	39	2.0	-
125	24.1	5.1	101	68	37	1.3	1
160	14.7	5.5	99	66	37	0.9	4
200	8.5	6.8	99	60	42	0.8	2
250	11.1	7.6	98	56	44	0.7	3
315	7.7	7.9	101	59	44	0.8	6
400	2.7	7.2	101	55	48	0.7	5
500	7.3	6.6	99	50	51	0.6	3
630	2.8	6.6	95	43	54	0.4	1
800	3.5	6.7	94	42	55	0.4	1
1000	3.8	6.5	95	38	60	0.4	0
1250	3.0	6.8	98	37	63	0.4	0
1600	2.5	7.0	97	32	67	0.4	0
2000	2.6	7.7	98	29	71	0.3	0
2500	3.2	8.6	99	27	73	0.3	0
3150	4.1	9.2	99	24	75	0.4	0
4000	4.5	10.6	97	20	78	0.3	0
5000	5.1	12.8	95	14	80	0.5	-
6300	5.6	16.1	94	13	79	0.4	-
8000	6.1	21.1	94	10	81	0.7	-
10000	6.4	26.9	93	8	81	0.5	-
STC Rating	54	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	26	

- 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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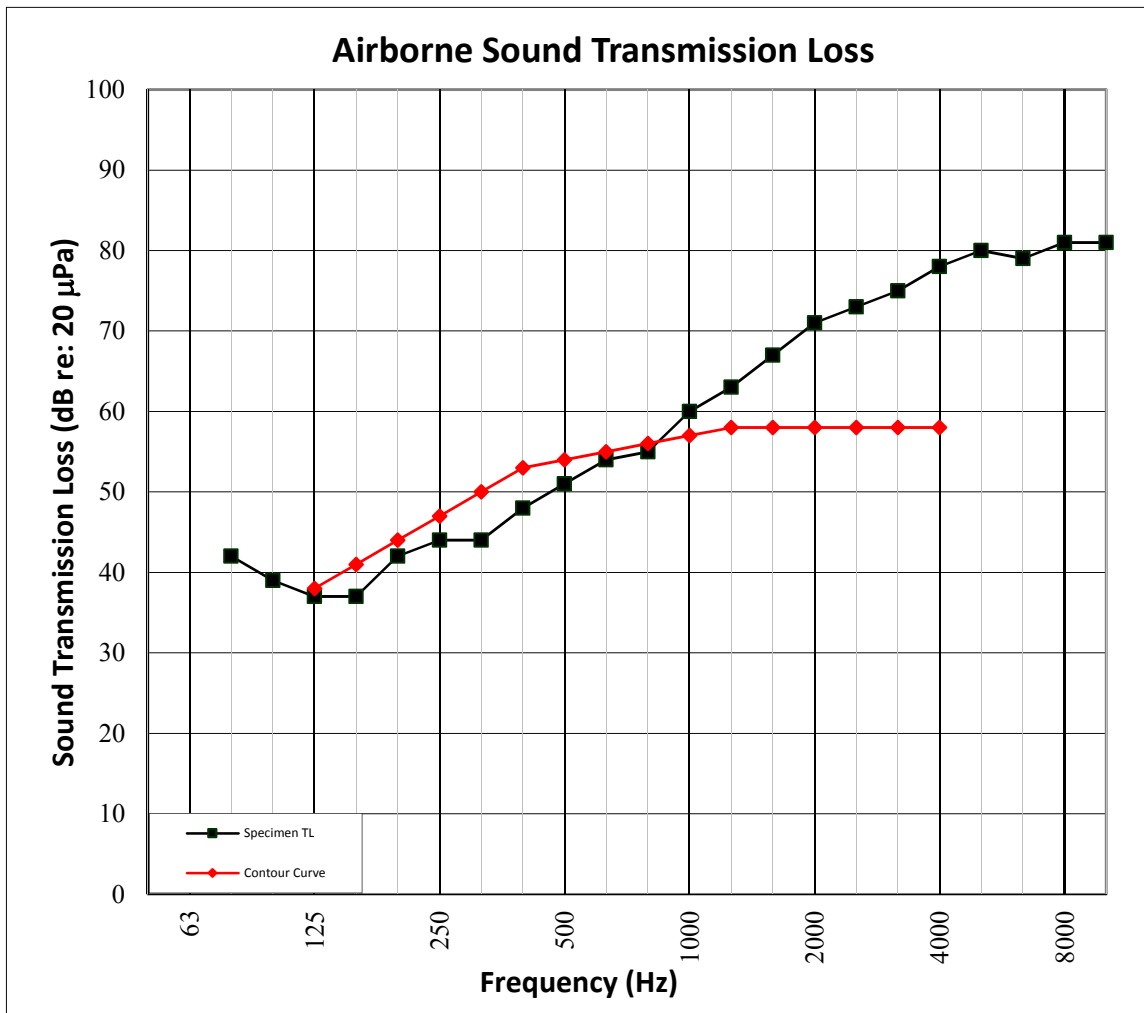
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	4/26/2019				
DATA FILE NO.	J6402.02				
CLIENT	U.S. Rubber Recycling,INC				
DESCRIPTION	7.7 mm Daltile Porcelain Tile, 10 mm 10mm QuietSound HD Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	18.7°C	Source Temp.	18.7°C
TECHNICIAN	LSH	Receive Humidity	53%	Source Humidity	54%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	4/26/2019				
DATA FILE NO.	J6402.02				
CLIENT	U.S. Rubber Recycling, INC				
DESCRIPTION	7.7 mm Daltile Porcelain Tile, 10 mm 10mm QuietSound HD Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	18.7°C	Minimum Temp.	18.7°C
TECHNICIAN	LSH	Max. Humidity	53%	Min. Humidity	54%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	25.5	6.7	56	1.6	-
100	24.7	6.2	56	1.2	0
125	25.4	5.1	59	1.3	0
160	18.2	5.5	61	1.2	0
200	13.3	6.8	64	0.8	2
250	13.2	7.6	64	0.8	2
315	12.3	7.9	65	0.7	3
400	8.5	7.2	62	0.4	1
500	8.8	6.6	64	0.3	4
630	6.9	6.6	63	0.3	4
800	6.5	6.7	63	0.3	5
1000	6.3	6.5	58	0.2	1
1250	5.8	6.8	56	0.3	2
1600	5.1	7.0	55	0.4	4
2000	4.7	7.7	50	0.4	2
2500	3.8	8.6	45	0.5	0
3150	4.4	9.2	40	0.5	0
4000	4.6	10.6	38	0.8	-
5000	5.3	12.8	36	0.9	-
6300	5.6	16.1	33	1.0	-
8000	6.1	21.1	29	1.3	-
10000	6.3	26.9	28	1.9	-
IIC Rating	50	<i>(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 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	4/26/2019				
DATA FILE NO.	J6402.02				
CLIENT	U.S. Rubber Recycling, INC				
DESCRIPTION	7.7 mm Daltile Porcelain Tile, 10 mm 10mm QuietSound HD Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	18.7°C	Minimum Temp.	18.7°C
TECHNICIAN	LSH	Max. Humidity	53%	Min. Humidity	54%

