

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

Report No.: H4163.14-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.1	Source Temp.	18
TECHNICIAN	LSH	Receive Humidity	61%	Source Humidity	66%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	24.4	6.0	102	66	39	3.5	-
100	25.2	6.5	104	70	36	3.1	-
125	28.7	4.0	102	68	38	1.1	1
160	22.4	5.5	102	64	41	0.9	1
200	13.4	6.9	101	64	39	1.3	6
250	12.5	7.2	98	58	42	0.7	6
315	8.5	7.7	102	56	47	0.9	4
400	6.8	7.5	102	57	47	0.9	7
500	8.5	6.1	101	51	52	0.6	3
630	5.1	6.2	97	45	55	0.4	1
800	2.3	6.2	96	43	55	0.4	2
1000	1.8	6.0	97	40	60	0.5	0
1250	1.4	6.3	99	40	62	0.5	0
1600	1.6	6.6	99	36	65	0.4	0
2000	2.0	7.5	100	33	69	0.3	0
2500	3.0	8.2	100	30	72	0.2	0
3150	3.9	8.7	100	27	74	0.3	0
4000	4.3	10.4	99	22	78	0.4	0
5000	5.0	12.6	97	16	80	0.3	-
6300	5.6	16.2	96	14	80	0.5	-
8000	6.1	21.6	96	11	82	0.5	-
10000	6.3	27.9	95	8	83	0.5	-
STC Rating	55	<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

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

Report No.: H4163.14-303-11-R0

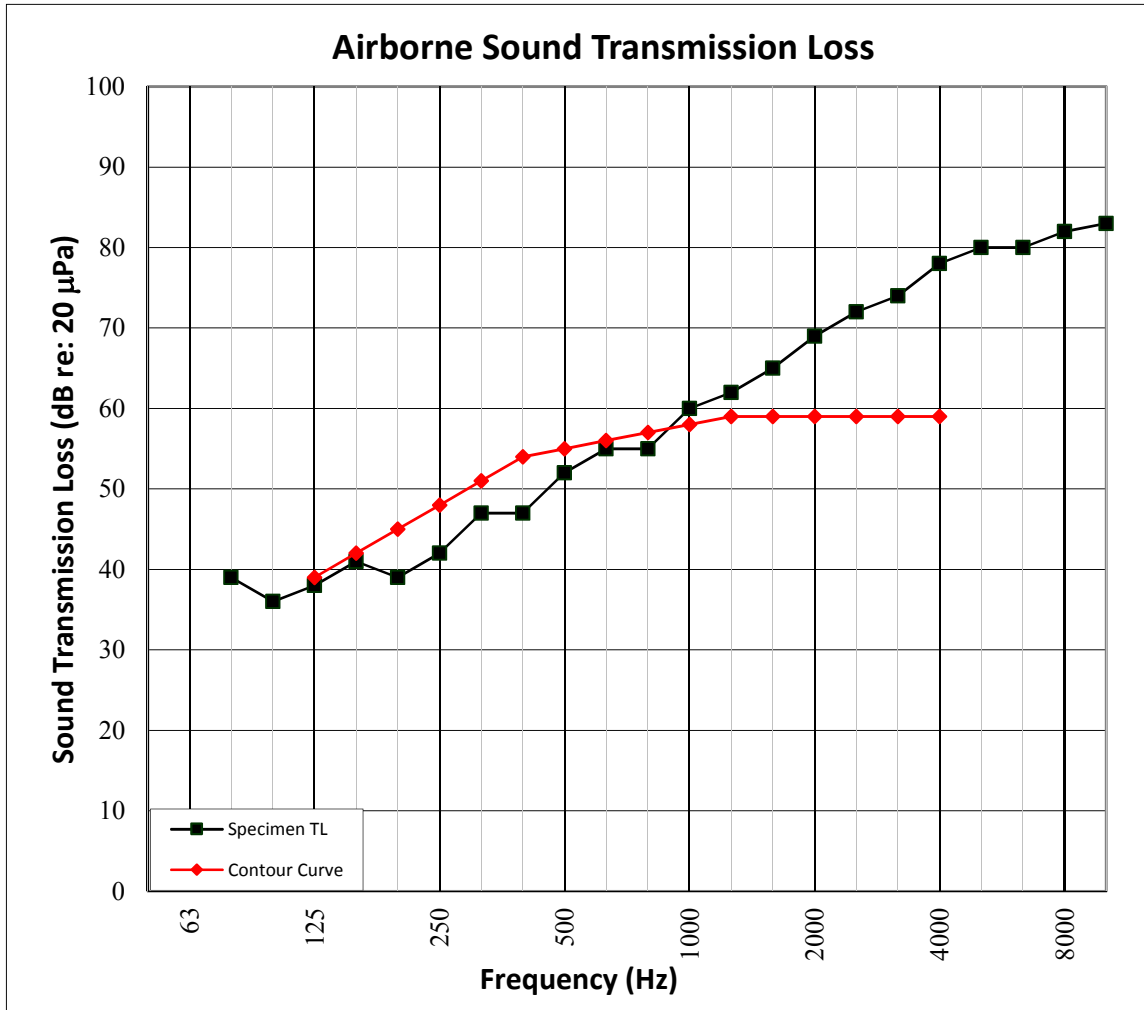
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.1	Source Temp.	18
TECHNICIAN	LSH	Receive Humidity	61%	Source Humidity	66%



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

Report No.: H4163.14-303-11-R0

Date: 09/05/19

SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.1	Minimum Temp.	18
TECHNICIAN	LSH	Max. Humidity	61%	Min. Humidity	66%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	33.8	5.6	54	1.8	-
100	29.2	6.6	58	1.2	0
125	31.6	4.4	59	1.2	0
160	28.6	5.1	65	0.8	0
200	18.5	6.9	67	0.9	1
250	14.7	6.9	69	0.7	3
315	11.0	7.5	68	0.8	2
400	9.0	7.6	68	0.5	3
500	10.6	6.2	66	0.4	2
630	9.1	6.3	67	0.4	4
800	4.5	6.3	67	0.3	5
1000	2.5	5.9	66	0.2	5
1250	1.8	6.3	62	0.3	4
1600	1.7	6.6	56	0.3	1
2000	2.3	7.5	50	0.2	0
2500	3.1	8.2	49	0.2	0
3150	3.9	8.8	44	0.4	0
4000	4.3	10.4	41	0.6	-
5000	5.0	12.5	37	0.8	-
6300	5.6	16.3	34	0.8	-
8000	6.1	21.8	32	1.1	-
10000	6.3	27.9	28	1.3	-
IIC Rating	46	<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.

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

Report No.: H4163.14-303-11-R0

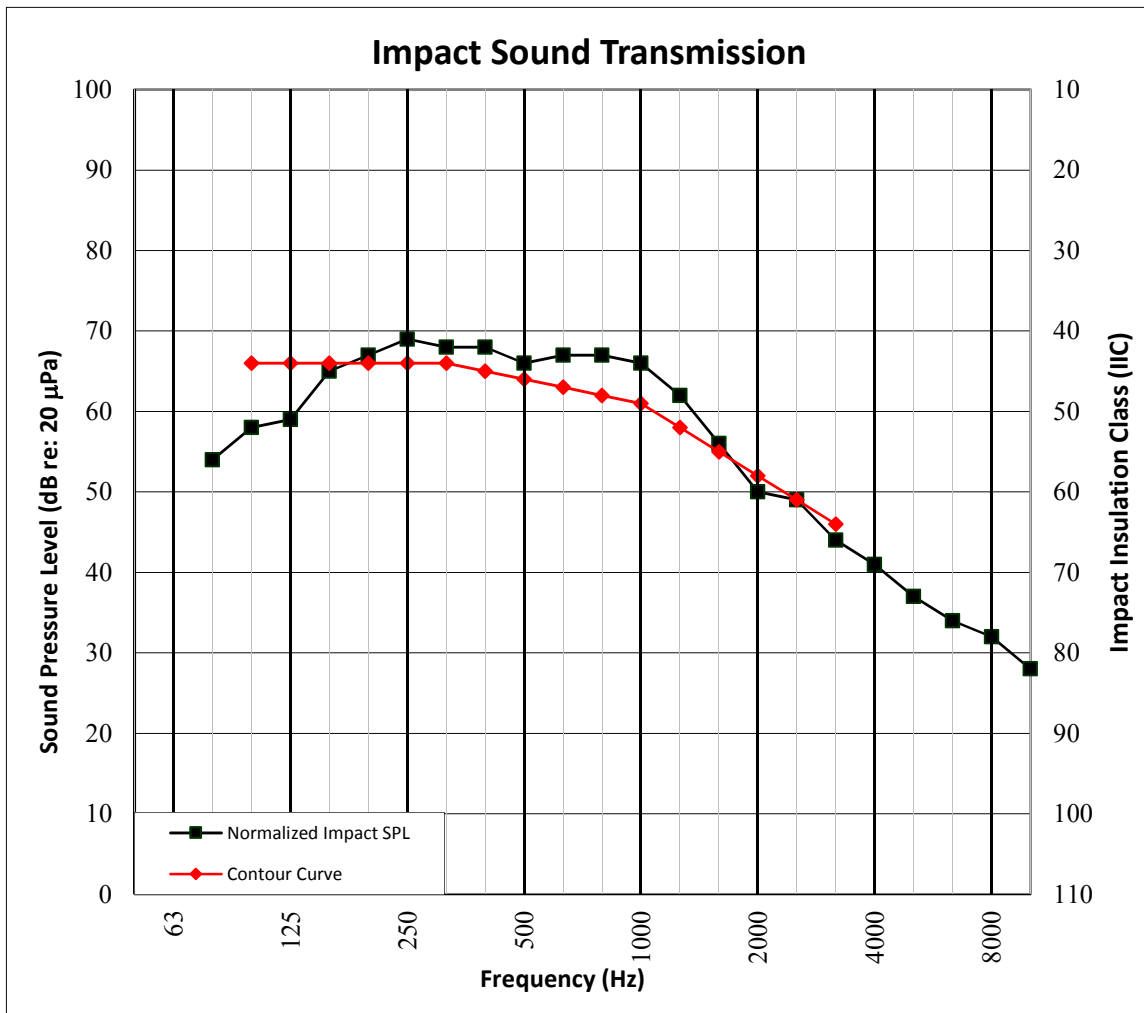
Date: 09/05/19

SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.1	Minimum Temp.	18
TECHNICIAN	LSH	Max. Humidity	61%	Min. Humidity	66%



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

Report No.: H4163.14-303-11-R0

Date: 09/05/19



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.1	Minimum Temp.	18
TECHNICIAN	LSH	Max. Humidity	61%	Min. Humidity	66%

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	29.2	6.6	59.1	1.7	57.7	1.5	66.0	0
125	31.6	4.4	60.6	1.2	59.0	1.4	66.0	0
160	28.6	5.1	65.4	0.9	64.6	1.0	67.0	1
200	18.5	6.9	68.7	0.8	67.1	1.1	67.0	1
250	14.7	6.9	70.0	1.2	69.0	0.9	68.0	2
315	11.0	7.5	70.6	1.1	68.2	0.9	67.0	1
400	9.0	7.6	70.1	0.5	68.3	0.6	68.0	3
500	10.6	6.2	68.3	0.5	66.1	0.6	68.0	4
630	9.1	6.3	71.4	0.5	67.0	0.4	67.0	4
800	4.5	6.3	71.1	0.3	67.4	0.4	68.0	6
1000	2.5	5.9	72.6	0.4	65.5	0.2	65.0	4
1250	1.8	6.3	73.4	0.6	62.3	0.3	61.0	3
1600	1.7	6.6	73.5	0.4	55.7	0.4	54.0	0
2000	2.3	7.5	74.1	0.5	49.8	0.3	48.0	0
2500	3.1	8.2	74.5	0.4	49.2	0.3	47.0	0
3150	3.9	8.8	75.2	0.6	43.8	0.5	41.0	0
ΔIIC Rating	18	<i>(Delta Impact Insulation Class)</i>			Sum of Deficiencies		29	

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

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

Report No.: H4163.14-303-11-R0

Date: 09/05/19



TEST DATE	1/10/2018				
DATA FILE NO.	H4163.14				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8 mm Daltile Ceramic Floor Tile, 5.2 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.1	Minimum Temp.	18
TECHNICIAN	LSH	Max. Humidity	61%	Min. Humidity	66%

