

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

Report No.: H4163.09-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	3/29/2018				
DATA FILE NO.	H4163.09				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile , 3.12 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Receive Temp.	19.4°C	Source Temp.	19.9°C
TECHNICIAN	LSH	Receive Humidity	49%	Source Humidity	52%

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	7.6	102	61	43	2.4	-
100	24.0	6.9	104	64	42	2.1	-
125	28.0	5.2	102	65	40	1.4	7
160	21.4	4.9	101	59	46	1.1	4
200	14.5	6.4	99	55	47	1.2	6
250	14.4	5.9	98	49	52	1.0	4
315	15.0	7.0	103	46	58	0.7	1
400	9.2	7.2	103	46	58	0.7	4
500	9.6	6.0	100	44	59	0.5	4
630	10.8	6.1	96	33	66	0.3	0
800	5.9	6.3	96	31	68	0.9	0
1000	9.1	6.1	97	27	73	0.4	0
1250	4.3	6.3	99	26	75	0.3	0
1600	3.4	6.6	98	24	77	0.3	0
2000	4.6	7.7	99	23	77	0.3	0
2500	5.2	8.5	100	23	78	0.3	0
3150	6.3	9.4	99	20	80	0.3	0
4000	5.8	11.2	99	16	82	0.4	0
5000	5.9	13.6	96	12	84	0.4	-
6300	6.4	18.4	95	12	81	0.5	-
8000	6.8	24.2	95	9	83	0.7	-
10000	6.8	31.6	94	8	82	0.6	-
STC Rating	63	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	30	

- 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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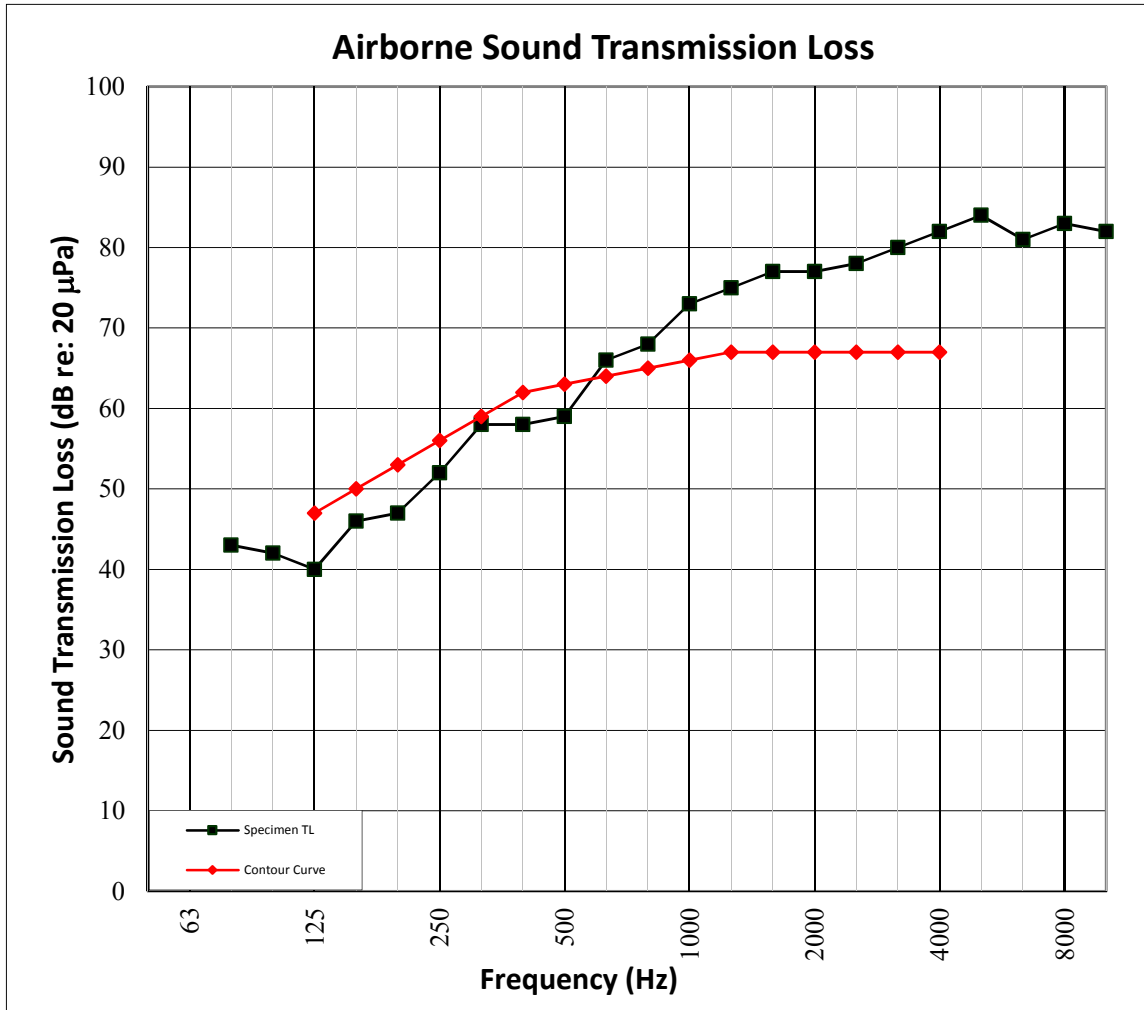
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	3/29/2018				
DATA FILE NO.	H4163.09				
CLIENT	U.S. Rubber Recycling, Inc.				
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SPECIMEN AREA	11.15 m ²	Receive Temp.	19.4°C	Source Temp.	19.9°C
TECHNICIAN	LSH	Receive Humidity	49%	Source Humidity	52%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	3/29/2018				
DATA FILE NO.	H4163.09				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile , 3.12 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.4°C	Minimum Temp.	19.9°C
TECHNICIAN	LSH	Max. Humidity	49%	Min. Humidity	52%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	25.4	7.3	49	1.9	-
100	25.4	6.1	49	2.0	0
125	26.3	5.2	58	1.2	8
160	21.7	5.3	46	0.7	0
200	14.9	6.0	47	0.6	0
250	13.9	6.1	49	1.2	0
315	10.2	7.2	46	0.6	0
400	9.7	7.1	48	0.4	0
500	11.7	5.9	52	0.4	4
630	8.1	6.2	47	0.3	0
800	5.8	6.3	43	0.2	0
1000	7.3	6.1	36	0.2	0
1250	5.2	6.3	35	0.2	0
1600	4.5	6.7	33	0.2	0
2000	4.8	7.7	31	0.2	0
2500	5.3	8.5	26	0.2	0
3150	6.5	9.4	21	0.1	0
4000	6.5	11.2	18	0.3	-
5000	6.7	13.7	17	0.4	-
6300	7.2	18.2	13	0.2	-
8000	7.6	24.3	10	0.5	-
10000	7.3	31.7	10	0.3	-
IIC Rating	62	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	12

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



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DESCRIPTION	7.98 mm Daltile Ceramic Tile , 3.12 mm U.S. Rubber Recycling, Inc. QuietSound Rubber Underlayment, 203.2 mm 5000 PSI Concrete Slab, 43 mm Chicago Metallic 650.00C Drywall Main Beam, 36 mm Chicago Metallic 664.00C Cross Tee, 88.9 mm Knauf with ECOSE R-13 faced Glass mineral wool Insulation, 15.9 mm USG SHEETROCK® Brand FIRECODE® C core Gypsum Panel				
SPECIMEN AREA	11.15 m ²	Maximum Temp.	19.4°C	Minimum Temp.	19.9°C
TECHNICIAN	LSH	Max. Humidity	49%	Min. Humidity	52%

