

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

Report No.: H4163.15-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	4/4/2018				
DATA FILE NO.	H4163.15				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile, 5.15 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 152.4 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.	18.1°C	Source Temp.	19.1°C
TECHNICIAN	LSH	Receive Humidity	57%	Source Humidity	57%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	27.7	7.0	101	62	40	2.2	-
100	26.9	6.0	103	65	40	3.1	-
125	25.0	5.0	102	64	41	1.2	6
160	22.2	5.3	102	60	46	1.1	4
200	16.6	6.3	101	56	47	0.9	6
250	17.1	6.6	99	49	52	1.1	4
315	17.7	7.6	102	46	58	0.8	1
400	16.8	7.4	103	47	58	0.7	4
500	13.6	6.2	102	44	60	0.4	3
630	14.6	6.2	97	33	66	0.5	0
800	17.6	6.3	96	31	68	0.4	0
1000	16.2	6.1	97	26	73	0.4	0
1250	15.0	6.3	99	26	75	0.5	0
1600	14.9	6.6	98	24	77	0.5	0
2000	11.2	7.7	99	23	78	0.3	0
2500	9.6	8.5	100	23	78	0.3	0
3150	9.6	9.4	100	21	80	0.4	0
4000	11.5	11.1	99	16	83	0.7	0
5000	11.0	13.5	96	12	84	0.5	-
6300	7.4	17.3	95	12	81	0.5	-
8000	7.5	23.1	95	10	82	0.6	-
10000	6.9	30.0	94	8	82	0.5	-
STC Rating	63	<i>(Sound Transmission Class)</i>			Sum of Deficiencies	28	

- 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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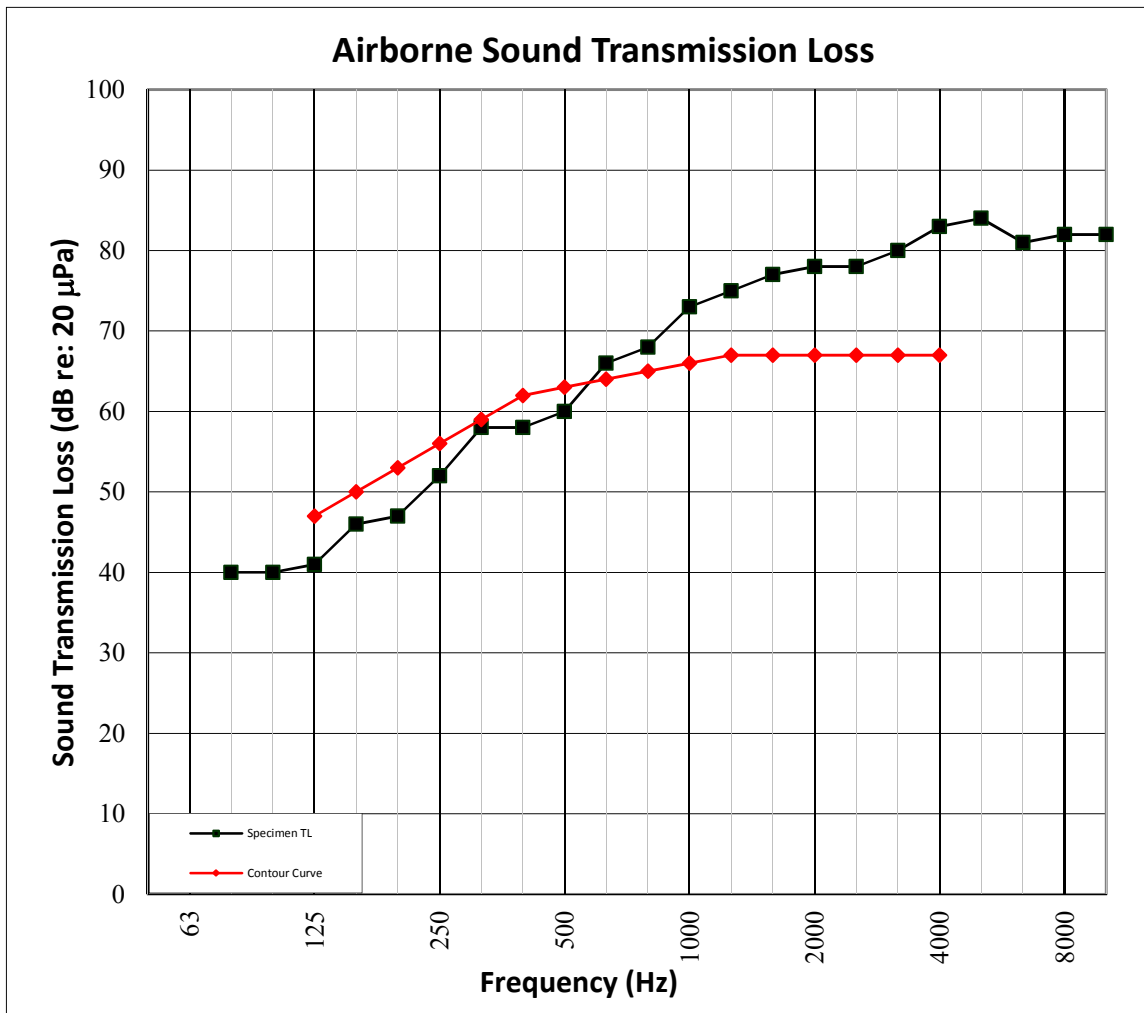
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	4/4/2018				
DATA FILE NO.	H4163.15				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile, 5.15 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 152.4 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.	18.1°C	Source Temp.	19.1°C
TECHNICIAN	LSH	Receive Humidity	57%	Source Humidity	57%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	4/4/2018				
DATA FILE NO.	H4163.15				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile, 5.15 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 152.4 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.	18.1°C	Minimum Temp.	19.1°C
TECHNICIAN	LSH	Max. Humidity	57%	Min. Humidity	57%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	28.1	7.2	51	1.8	-
100	26.8	5.7	51	0.8	0
125	24.6	4.9	59	1.5	8
160	22.0	4.9	51	0.9	0
200	15.7	5.9	51	0.9	0
250	15.5	6.2	51	0.9	0
315	13.8	7.6	51	0.6	0
400	11.6	7.1	54	0.7	4
500	10.5	6.2	51	0.4	2
630	8.6	6.2	49	0.3	1
800	7.6	6.3	46	0.2	0
1000	9.6	6.1	43	0.2	0
1250	5.2	6.3	38	0.2	0
1600	5.2	6.7	34	0.3	0
2000	6.4	7.6	32	0.3	0
2500	7.8	8.5	28	0.2	0
3150	9.6	9.3	22	0.2	0
4000	8.3	11.1	22	0.4	-
5000	6.6	13.7	22	0.5	-
6300	6.8	17.4	14	0.5	-
8000	7.2	23.2	10	0.5	-
10000	6.9	29.8	10	0.5	-
IIC Rating	61	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	15

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	4/4/2018				
DATA FILE NO.	H4163.15				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	7.98 mm Daltile Ceramic Tile, 5.15 mm U.S. Rubber Recycling, Inc. QuietSound Rubber, 152.4 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.	18.1°C	Minimum Temp.	19.1°C
TECHNICIAN	LSH	Max. Humidity	57%	Min. Humidity	57%

