

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

Report No.: H4163.04-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	10/30/2017				
DATA FILE NO.	H4163.04				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 3.15 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.	22.2	Source Temp.	18.5
TECHNICIAN	LSH	Receive Humidity	56%	Source Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	29.7	7.7	103	62	43	2.1	-
100	30.1	6.8	105	65	42	2.1	-
125	36.7	5.5	103	65	41	1.3	5
160	26.9	5.3	101	59	45	1.4	4
200	18.3	6.1	101	56	47	1.0	5
250	18.1	6.3	98	49	52	1.0	3
315	15.7	7.7	101	48	55	1.0	3
400	14.1	7.0	102	47	57	0.7	4
500	16.8	6.3	100	45	58	0.8	4
630	8.8	6.2	97	33	66	0.3	0
800	7.5	6.4	97	30	70	0.3	0
1000	9.6	6.2	98	26	74	0.5	0
1250	5.9	6.4	99	26	76	0.4	0
1600	4.9	6.6	100	24	78	0.5	0
2000	6.4	7.7	100	23	78	0.4	0
2500	5.9	8.5	100	23	78	0.6	0
3150	6.6	9.0	100	21	80	0.7	0
4000	7.5	10.3	99	18	81	1.4	0
5000	5.9	12.4	97	15	81	2.1	-
6300	6.4	15.6	95	14	80	1.9	-
8000	6.5	20.5	96	12	82	2.1	-
10000	6.4	25.8	95	10	82	1.6	-
STC Rating	62	<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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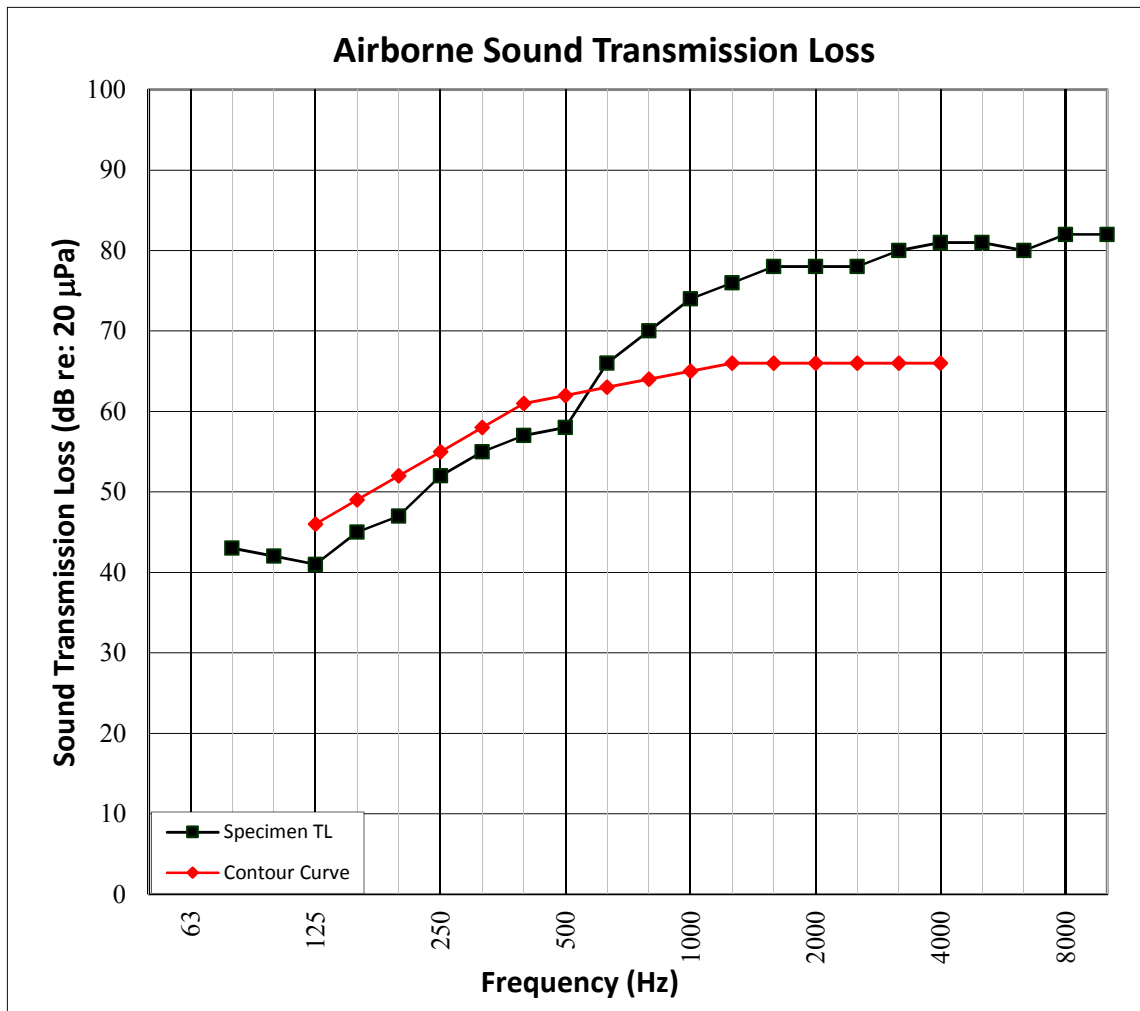
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	10/30/2017				
DATA FILE NO.	H4163.04				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 3.15 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.	22.2	Source Temp.	18.5
TECHNICIAN	LSH	Receive Humidity	56%	Source Humidity	56%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	10/30/2017				
DATA FILE NO.	H4163.04				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 3.15 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.	22.2	Minimum Temp.	18.5
TECHNICIAN	LSH	Max. Humidity	56%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	27.4	7.5	50	1.7	-
100	30.1	6.3	53	1.5	8
125	36.0	5.5	48	0.8	3
160	27.0	5.4	46	1.0	1
200	17.8	6.6	48	0.7	3
250	17.4	6.2	47	0.8	2
315	14.4	7.5	45	0.7	0
400	12.4	7.1	41	0.5	0
500	10.4	6.2	42	0.5	0
630	8.9	6.2	34	0.4	0
800	7.0	6.4	25	0.3	0
1000	9.3	6.3	16	0.4	0
1250	6.2	6.5	14	0.2	0
1600	4.8	6.8	11	0.3	0
2000	5.1	7.6	6	0.3	0
2500	5.8	8.5	10	1.0	0
3150	5.8	9.1	5	0.4	0
4000	5.8	10.4	5	0.4	-
5000	5.3	12.7	5	0.5	-
6300	5.8	15.8	6	0.5	-
8000	6.1	21.1	7	0.4	-
10000	6.3	26.7	9	0.2	-
IIC Rating	67	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	17

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	10/30/2017				
DATA FILE NO.	H4163.04				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	8.2 mm MAX CORE BY PROVENZA Luxury Vinyl Plank, 3.15 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.	22.2	Minimum Temp.	18.5
TECHNICIAN	LSH	Max. Humidity	56%	Min. Humidity	56%

