

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

Report No.: H4163.20-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



TEST DATE	4/11/2018				
DATA FILE NO.	H4163.20				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood , 12.3 mm U.S. Rubber Recycling, Inc., 12mm 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.	21.7°C	Source Temp.	22.6°C
TECHNICIAN	LSH	Receive Humidity	47%	Source Humidity	49%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	SOURCE SPL (dB)	RECEIVE SPL (dB)	SPECIMEN TL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	27.9	6.9	101	62	41	2.6	-
100	26.2	6.0	103	64	42	2.8	-
125	25.6	5.5	102	65	40	1.1	6
160	21.4	5.3	101	61	44	1.4	5
200	15.5	6.4	101	56	47	1.1	5
250	13.6	6.4	98	49	52	0.9	3
315	12.2	7.3	102	45	58	0.5	0
400	12.0	7.4	102	47	56	0.7	5
500	10.2	6.3	101	44	60	0.5	2
630	8.3	6.1	96	33	66	0.4	0
800	4.8	6.1	96	31	68	0.3	0
1000	5.6	6.1	97	26	73	0.3	0
1250	4.4	6.3	99	26	75	0.3	0
1600	4.0	6.6	99	24	77	0.3	0
2000	4.7	7.6	99	23	78	0.3	0
2500	6.1	8.6	100	23	78	0.2	0
3150	7.5	9.4	100	20	80	0.4	0
4000	6.5	10.9	99	16	83	0.3	0
5000	6.1	13.4	96	11	84	0.5	-
6300	6.4	17.5	95	12	81	0.6	-
8000	6.8	23.2	94	9	82	0.8	-
10000	6.9	30.0	93	8	81	0.8	-
STC Rating	62	<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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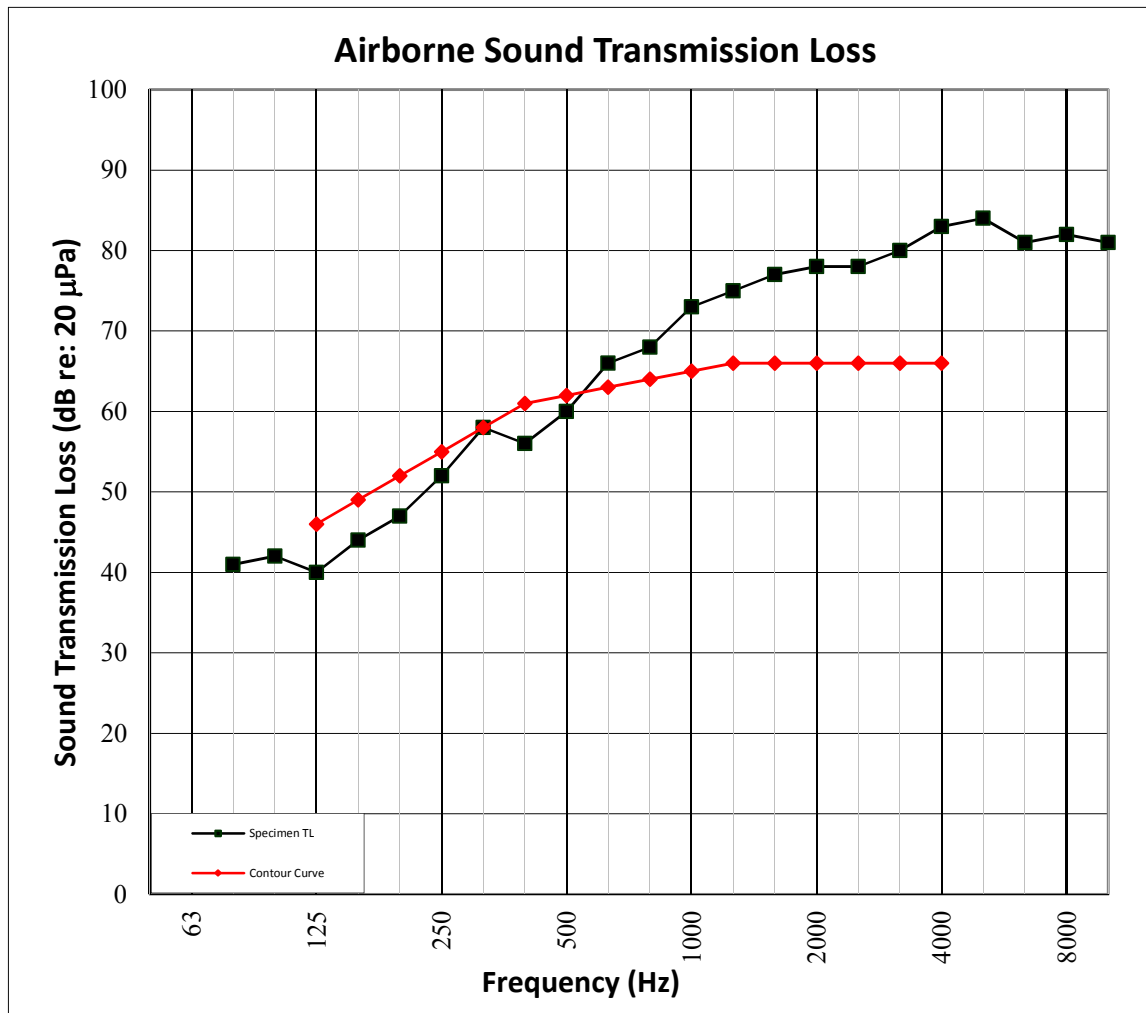
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SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



TEST DATE	4/11/2018				
DATA FILE NO.	H4163.20				
CLIENT	U.S. Rubber Recycling, Inc.				
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SPECIMEN AREA	11.15 m ²	Receive Temp.	21.7°C	Source Temp.	22.6°C
TECHNICIAN	LSH	Receive Humidity	47%	Source Humidity	49%



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	4/11/2018				
DATA FILE NO.	H4163.20				
CLIENT	U.S. Rubber Recycling, Inc.				
DESCRIPTION	15.3 mm Provenza Flooring Old World Hardwood , 12.3 mm U.S. Rubber Recycling, Inc., 12mm 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.	21.7°C	Minimum Temp.	22.6°C
TECHNICIAN	LSH	Max. Humidity	47%	Min. Humidity	49%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% CONFIDENCE LIMIT	NUMBER OF DEFICIENCIES
80	28.7	7.2	54	2.3	-
100	30.6	6.0	54	1.1	4
125	25.8	5.6	54	1.3	4
160	21.7	5.7	54	1.3	4
200	16.2	6.4	53	1.0	3
250	14.7	6.4	52	0.6	2
315	14.0	7.6	52	0.6	2
400	13.8	7.4	54	0.7	5
500	12.2	6.1	50	0.3	2
630	9.8	6.2	47	0.3	0
800	6.6	6.3	40	0.3	0
1000	6.4	6.1	31	0.2	0
1250	5.2	6.4	27	0.2	0
1600	4.8	6.7	25	0.2	0
2000	5.5	7.6	21	0.2	0
2500	6.8	8.7	18	0.2	0
3150	8.3	9.5	14	0.2	0
4000	7.0	10.9	10	0.2	-
5000	6.3	13.5	7	0.2	-
6300	6.5	17.6	7	0.2	-
8000	6.9	23.5	9	0.2	-
10000	6.9	30.0	10	0.3	-
IIC Rating	62	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	26

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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SPECIMEN AREA	11.15 m ²	Maximum Temp.	21.7°C	Minimum Temp.	22.6°C
TECHNICIAN	LSH	Max. Humidity	47%	Min. Humidity	49%

