

TEST REPORT FOR U.S RUBBER RECYCLING, INC.

Report No.: I6748.01-303-11-R0

Date: 09/05/19

SECTION 10

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS



| | | | | | |
|----------------------|--|-------------------------|--------|------------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Receive Temp. | 22.4°C | Source Temp. | 24.2°C |
| TECHNICIAN | LSH | Receive Humidity | 40% | Source Humidity | 41% |

| FREQ (Hz) | BACKGROUND SPL (dB) | ABSORPTION m ² | SOURCE SPL (dB) | RECEIVE SPL (dB) | SPECIMEN TL (dB) | 95% CONFIDENCE LIMIT | NUMBER OF DEFICIENCIES |
|-------------------|---------------------------|-----------------------------------|-----------------------|------------------------|----------------------------|----------------------------|------------------------------|
| 80 | 31.4 | 5.7 | 99 | 62 | 40 | 2.2 | - |
| 100 | 30.4 | 6.3 | 104 | 68 | 39 | 1.8 | - |
| 125 | 37.9 | 4.5 | 101 | 70 | 35 | 1.2 | 2 |
| 160 | 28.5 | 5.3 | 99 | 65 | 37 | 1.1 | 3 |
| 200 | 19.5 | 6.3 | 99 | 64 | 37 | 0.8 | 6 |
| 250 | 18.3 | 6.9 | 97 | 60 | 39 | 0.9 | 7 |
| 315 | 17.0 | 7.5 | 99 | 59 | 42 | 0.9 | 7 |
| 400 | 14.8 | 7.4 | 100 | 57 | 46 | 1.0 | 6 |
| 500 | 16.5 | 6.3 | 99 | 48 | 54 | 0.6 | 0 |
| 630 | 10.4 | 6.1 | 95 | 38 | 59 | 0.4 | 0 |
| 800 | 10.3 | 6.3 | 94 | 34 | 63 | 0.5 | 0 |
| 1000 | 9.1 | 6.3 | 95 | 30 | 68 | 0.5 | 0 |
| 1250 | 7.9 | 6.6 | 98 | 30 | 70 | 0.4 | 0 |
| 1600 | 8.2 | 6.9 | 97 | 28 | 71 | 0.4 | 0 |
| 2000 | 6.0 | 7.8 | 98 | 29 | 70 | 0.5 | 0 |
| 2500 | 6.5 | 8.7 | 99 | 26 | 74 | 0.4 | 0 |
| 3150 | 6.7 | 9.7 | 98 | 22 | 77 | 0.4 | 0 |
| 4000 | 6.2 | 11.8 | 97 | 17 | 81 | 0.5 | 0 |
| 5000 | 5.9 | 14.8 | 95 | 11 | 83 | 0.6 | - |
| 6300 | 6.3 | 19.6 | 93 | 11 | 80 | 0.8 | - |
| 8000 | 6.5 | 27.1 | 93 | 8 | 81 | 0.8 | - |
| 10000 | 6.6 | 34.2 | 93 | 7 | 81 | 0.8 | - |
| STC Rating | 53 | <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

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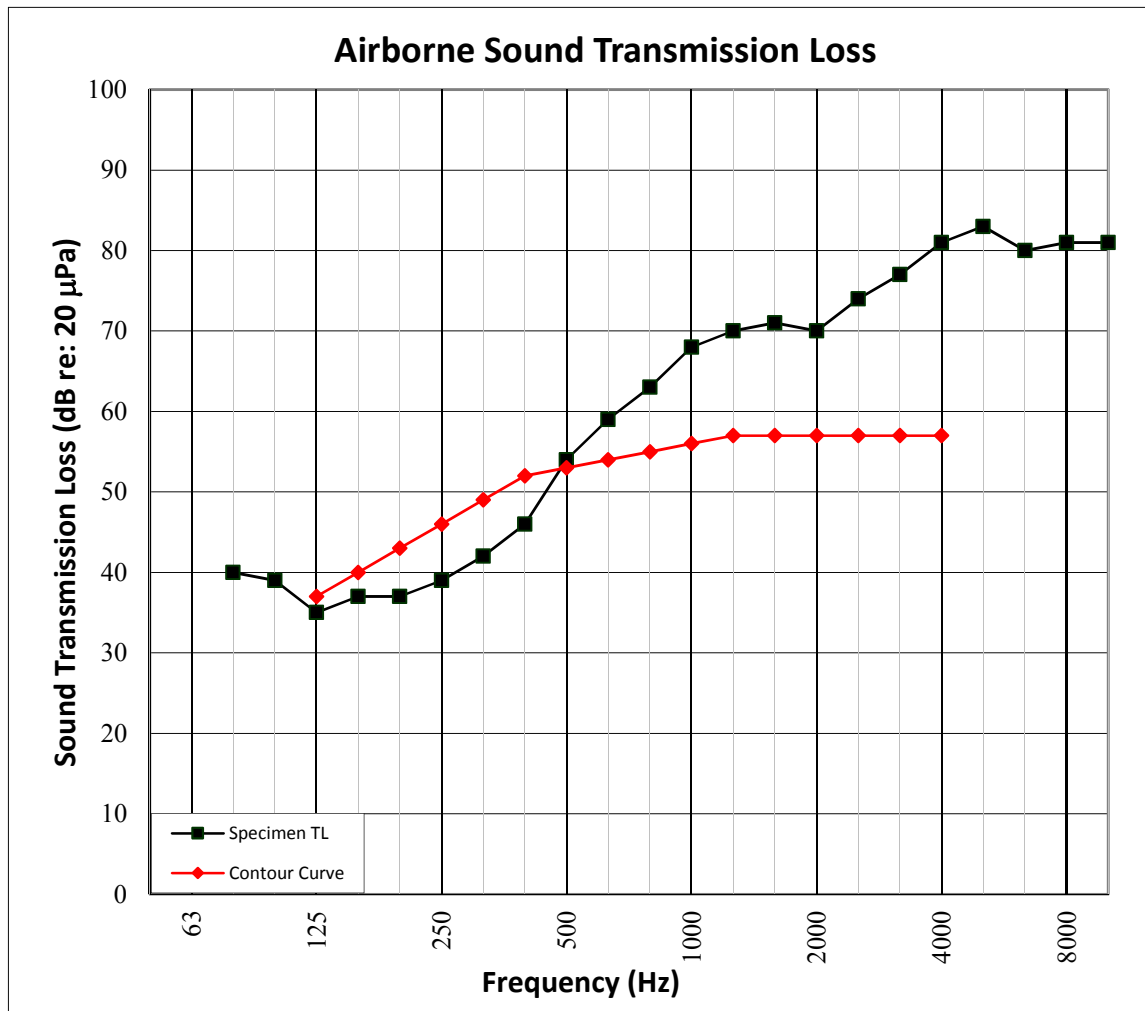
Date: 09/05/19

SECTION 11

TEST RESULTS - AIRBORNE SOUND TRANSMISSION LOSS GRAPH



| | | | | | |
|----------------------|--|-------------------------|--------|------------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Receive Temp. | 22.4°C | Source Temp. | 24.2°C |
| TECHNICIAN | LSH | Receive Humidity | 40% | Source Humidity | 41% |



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SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



| | | | | | |
|----------------------|--|----------------------|--------|----------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Maximum Temp. | 22.4°C | Minimum Temp. | 24.2°C |
| TECHNICIAN | LSH | Max. Humidity | 40% | Min. Humidity | 41% |

| FREQ (Hz) | BACKGROUND SPL (dB) | ABSORPTION m ² | NORMALIZED IMPACT SPL (dB) | 95% CONFIDENCE LIMIT | NUMBER OF DEFICIENCIES |
|-------------------|---------------------------|----------------------------------|-------------------------------|----------------------------|------------------------------|
| 80 | 33.0 | 5.7 | 56 | 1.7 | - |
| 100 | 31.6 | 5.9 | 58 | 0.9 | 0 |
| 125 | 33.3 | 4.7 | 59 | 1.0 | 0 |
| 160 | 24.2 | 5.2 | 63 | 0.7 | 3 |
| 200 | 18.8 | 6.5 | 66 | 0.8 | 6 |
| 250 | 17.3 | 6.9 | 68 | 0.6 | 8 |
| 315 | 15.0 | 7.3 | 67 | 0.6 | 7 |
| 400 | 13.9 | 7.4 | 65 | 0.3 | 6 |
| 500 | 15.4 | 6.1 | 59 | 0.3 | 1 |
| 630 | 9.6 | 6.1 | 56 | 0.3 | 0 |
| 800 | 9.8 | 6.4 | 51 | 0.2 | 0 |
| 1000 | 8.5 | 6.4 | 46 | 0.4 | 0 |
| 1250 | 7.3 | 6.6 | 40 | 0.4 | 0 |
| 1600 | 7.3 | 6.8 | 34 | 0.3 | 0 |
| 2000 | 5.2 | 7.8 | 30 | 0.3 | 0 |
| 2500 | 5.6 | 8.8 | 27 | 0.3 | 0 |
| 3150 | 6.1 | 9.7 | 23 | 0.3 | 0 |
| 4000 | 6.0 | 11.9 | 18 | 0.7 | - |
| 5000 | 5.9 | 14.9 | 13 | 0.8 | - |
| 6300 | 6.3 | 19.6 | 10 | 0.6 | - |
| 8000 | 6.6 | 26.8 | 10 | 0.5 | - |
| 10000 | 6.6 | 34.5 | 10 | 0.4 | - |
| IIC Rating | 52 | <i>(Impact Insulation Class)</i> | | Sum of Deficiencies | 31 |

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

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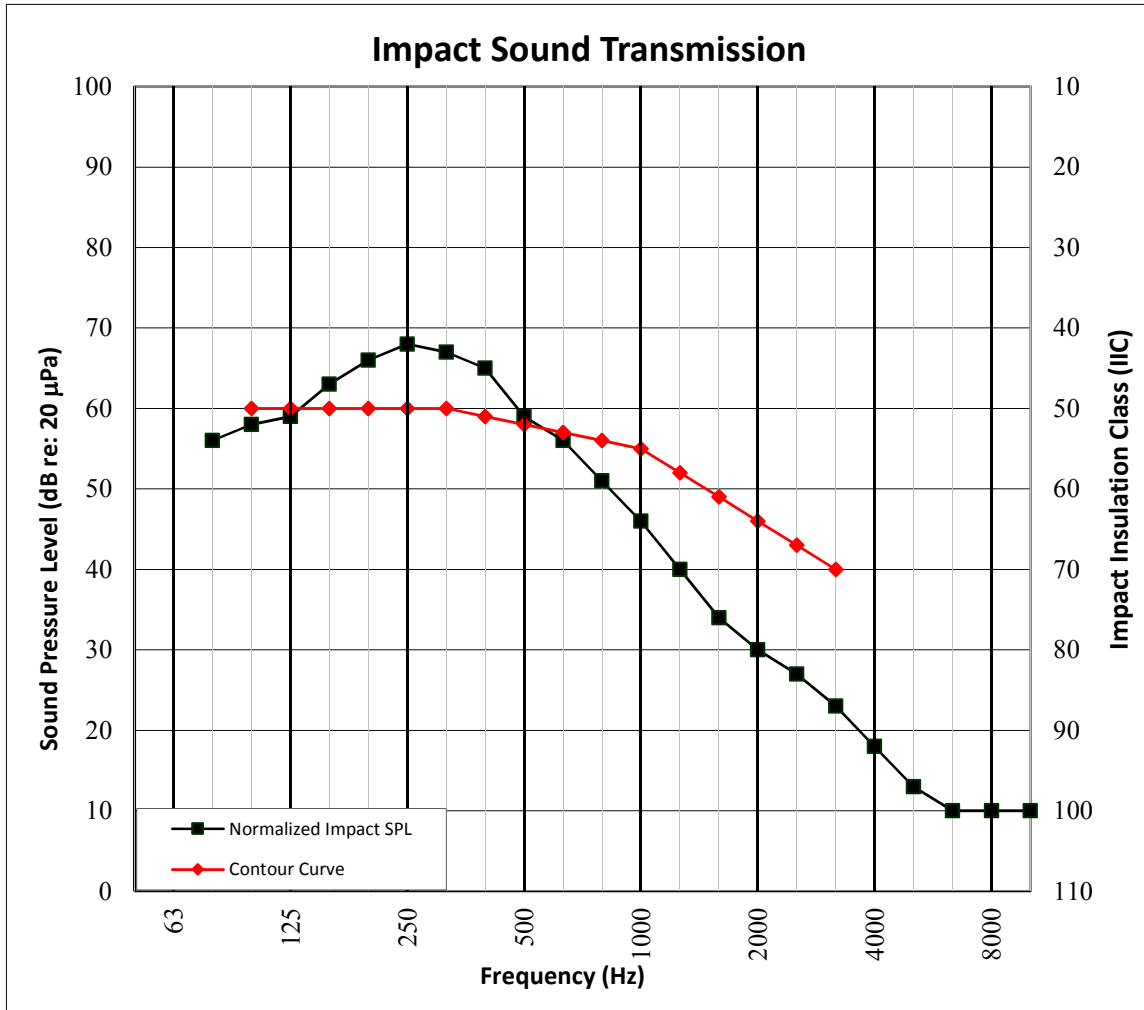
Date: 09/05/19

SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



| | | | | | |
|----------------------|--|----------------------|--------|----------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Maximum Temp. | 22.4°C | Minimum Temp. | 24.2°C |
| TECHNICIAN | LSH | Max. Humidity | 40% | Min. Humidity | 41% |



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SECTION 14

TEST RESULTS - DELTA IMPACT INSULATION



| | | | | | |
|----------------------|--|----------------------|--------|----------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Maximum Temp. | 22.4°C | Minimum Temp. | 24.2°C |
| TECHNICIAN | LSH | Max. Humidity | 40% | Min. Humidity | 41% |

| 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 | 31.6 | 5.9 | 58.2 | 1.6 | 57.8 | 1.1 | 67.0 | 5 |
| 125 | 33.3 | 4.7 | 60.9 | 1.1 | 58.8 | 1.2 | 65.0 | 3 |
| 160 | 24.2 | 5.2 | 65.3 | 0.8 | 62.6 | 0.9 | 65.0 | 3 |
| 200 | 18.8 | 6.5 | 68.0 | 1.0 | 66.4 | 1.0 | 67.0 | 5 |
| 250 | 17.3 | 6.9 | 70.1 | 0.6 | 67.9 | 0.8 | 67.0 | 5 |
| 315 | 15.0 | 7.3 | 68.6 | 0.7 | 66.9 | 0.8 | 68.0 | 6 |
| 400 | 13.9 | 7.4 | 69.9 | 0.5 | 65.3 | 0.4 | 65.0 | 4 |
| 500 | 15.4 | 6.1 | 68.0 | 0.4 | 58.6 | 0.4 | 61.0 | 1 |
| 630 | 9.6 | 6.1 | 69.8 | 0.2 | 56.2 | 0.4 | 57.0 | 0 |
| 800 | 9.8 | 6.4 | 71.3 | 0.4 | 51.1 | 0.3 | 51.0 | 0 |
| 1000 | 8.5 | 6.4 | 72.1 | 0.4 | 46.5 | 0.5 | 46.0 | 0 |
| 1250 | 7.3 | 6.6 | 72.3 | 0.4 | 39.8 | 0.4 | 40.0 | 0 |
| 1600 | 7.3 | 6.8 | 73.0 | 0.5 | 34.0 | 0.4 | 33.0 | 0 |
| 2000 | 5.2 | 7.8 | 73.2 | 0.5 | 30.3 | 0.4 | 29.0 | 0 |
| 2500 | 5.6 | 8.8 | 72.7 | 0.6 | 27.5 | 0.4 | 27.0 | 0 |
| 3150 | 6.1 | 9.7 | 72.9 | 0.4 | 23.1 | 0.4 | 22.0 | 0 |
| ΔIIC Rating | 22 | <i>(Delta Impact Insulation Class)</i> | | | Sum of Deficiencies | | 32 | |

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

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SECTION 15

TEST RESULTS - DELTA IMPACT INSULATION GRAPH



| | | | | | |
|----------------------|--|----------------------|--------|----------------------|--------|
| TEST DATE | 7/18/2018 | | | | |
| DATA FILE NO. | I6748.01A | | | | |
| CLIENT | U.S Rubber Recycling, Inc. | | | | |
| DESCRIPTION | 14.4 mm UA Floors Parisian Collection Oak Engineered Wood Floor, 5 mm U.S Rubber Recycling, Inc. QuietSound Rubber Underlayment, 152.4 mm 5000 PSI Concrete Slab | | | | |
| SPECIMEN AREA | 11.15 m ² | Maximum Temp. | 22.4°C | Minimum Temp. | 24.2°C |
| TECHNICIAN | LSH | Max. Humidity | 40% | Min. Humidity | 41% |

