

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 1 of 4

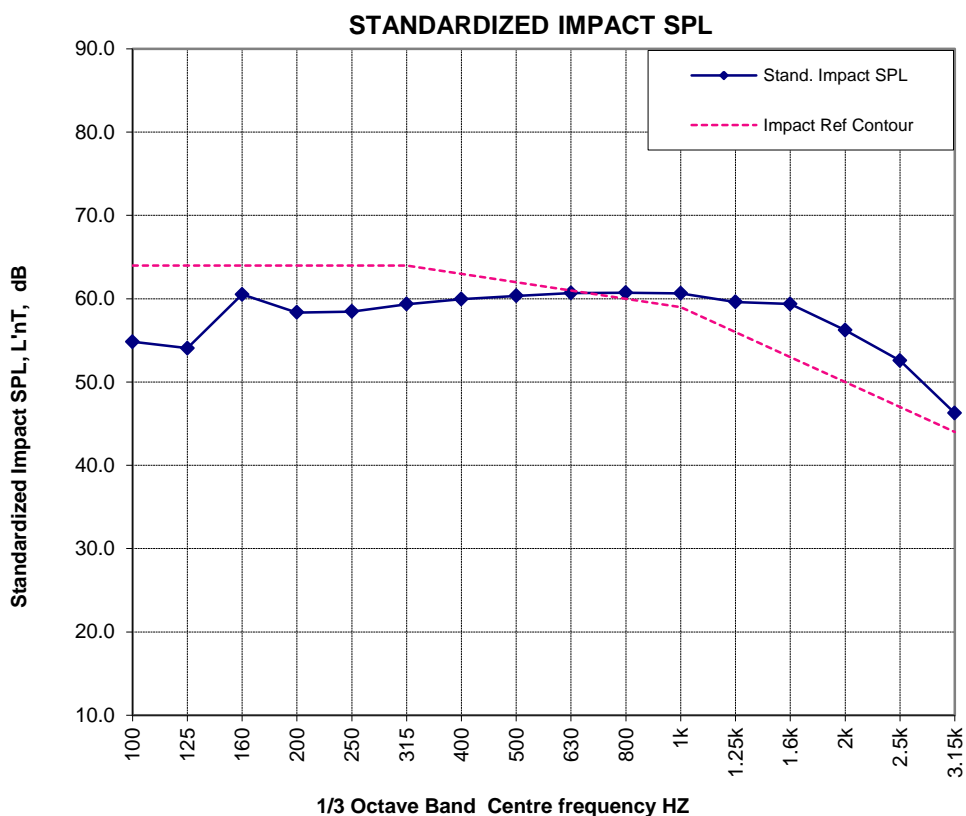
5mm Acoustic LuxFeel Planks

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|------------------------|--|-------------------------------|-------------------|
| PROJECT: | PN4097 U11 26 Rees Avenue - Bayview Mansions LNT | Meas. Date: | 20-Oct-16 |
| Test Location: | U11 living to U7 living | Meas. Parameter: | LLeq |
| Test Surface: | Vinyl Sample | Tapping Machine: | Look Line EM50 |
| Client: | Acoustic Flooring | Receiving Room Volume: | 99 m ³ |
| Test Performed: | Max Thomson | | |

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|--|----------------------------|----------|
| DESCRIPTION OF FLOOR AND SPECIMEN | No. of Source posn: | 2 |
| Unit: 5mm Acoustic LuxFeel Planks | Mic. posn: | 2 sweeps |
| Product: | RT meas: | 4 Imp. |
| Adhesive: | SLM: | Nor 140 |
| Ceiling: Bare Slab | | |
| Slab: | | |

| | | | |
|---|--------------------|-----------|-----------------------------|
| Weighted Standardized Impact SPL | L'nT,w | 62 | ISO 140-7:1998 & 717-2:1996 |
| Results standardized to a RT of 0.5 seconds | CI (L'nT,w) | -6 | ISO 140-7:1998 & 717-2:1996 |
| Impact Insulation Class | FIIC | 43 | ASTM E1007-97 & E989-89 |

| Centre Frequency Hz | Stand. Impact SPL dB | Impact Ref Contour dB | Deficiencies dB |
|------------------------|-------------------------|--------------------------|--------------------|
| 100 | 54.8 | 64 | |
| 125 | 54.1 | 64 | |
| 160 | 60.5 | 64 | |
| 200 | 58.3 | 64 | |
| 250 | 58.5 | 64 | |
| 315 | 59.3 | 64 | |
| 400 | 60.0 | 63 | |
| 500 | 60.3 | 62 | |
| 630 | 60.7 | 61 | |
| 800 | 60.7 | 60 | 0.7 |
| 1k | 60.6 | 59 | 1.6 |
| 1.25k | 59.6 | 56 | 3.6 |
| 1.6k | 59.4 | 53 | 6.4 |
| 2k | 56.2 | 50 | 6.2 |
| 2.5k | 52.6 | 47 | 5.6 |
| 3.15k | 46.3 | 44 | 2.3 |
| Total | | | |



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|---------------|-----------|-------------|
| L'nT,w | 62 | 26.4 |
|---------------|-----------|-------------|