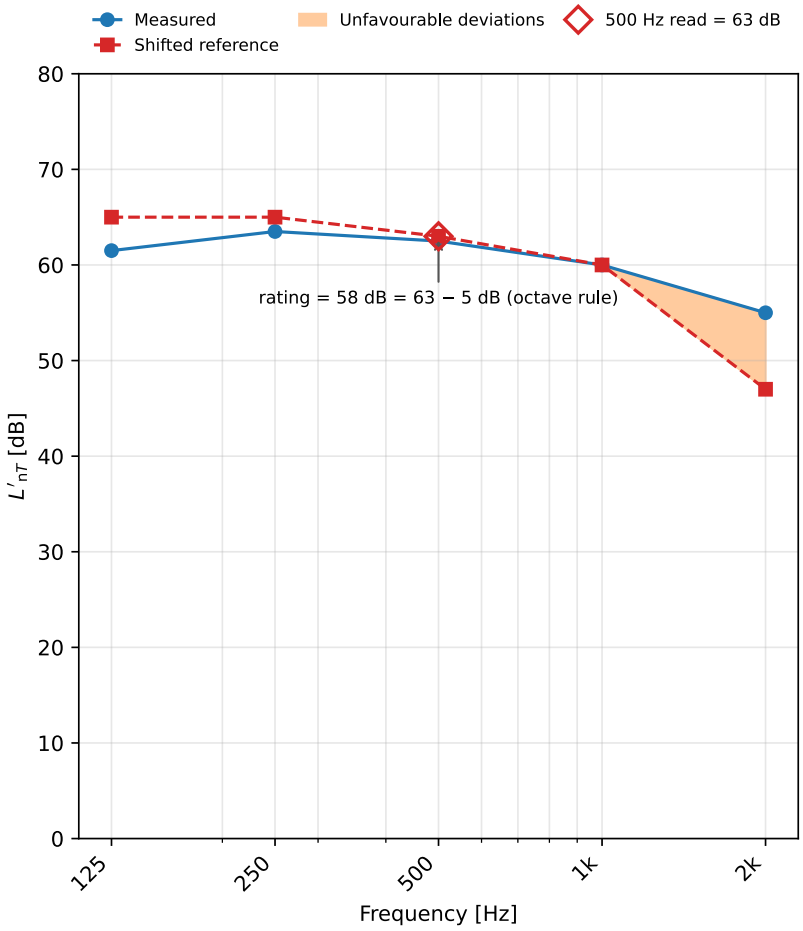
# Field impact sound insulation of floors

Standardized impact sound pressure level $L'_{nT}$ measured in accordance with ISO 10052:2021 (survey method, octave bands) using the tapping machine. Rating per ISO 717-2:2020.

| | | | |
|---|---|---|---|
| Client: | Example client | Description: | Separating floor between dwellings (survey method) |
| Test room: | Dwelling A bedroom below dwelling B bedroom | Date of test: | 2026-07-22 |
| Receiving room volume [m³]: | 50 | | |

Octave-band $L'_{nT}$ [dB]

| Frequency f [Hz] | $L'_{nT}$ [dB] |
|---|---|
| 125 | 61.5 |
| 250 | 63.5 |
| 500 | 62.5 |
| 1000 | 60.0 |
| 2000 | 55.0 |




## $L'_{nT,w}$ ($C_I$) = **58 (-5) dB**

Evaluation based on the ISO 10052 survey (control) method (octave bands, a single hand-held sound level meter swept through the room).

Result vs requirement: $L'_{nT,w}$ = 58 dB, required ≤ 62 dB → **PASS**

**Laboratory:** Phonometry reference example
**Report no.:** EXAMPLE-10052-IMPACT
**Date:** 2026-07-22
**Notes:** Survey-method impact sound insulation L'nT (ISO 10052:2021).
Operator: phonometry  Signature: _____

■ The results relate only to the tested specimen.

Generated by phonometry.