

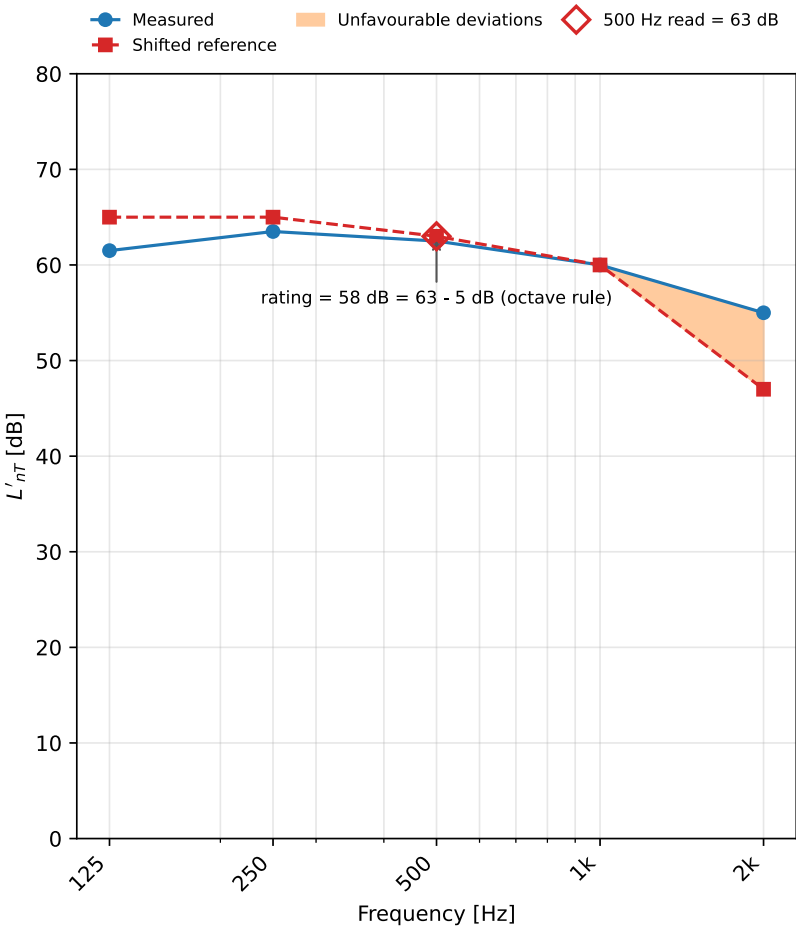
Field impact sound insulation of floors

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 [m ³]:	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



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

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: $L'_{nT,w} = 58 \text{ dB}$, required $\leq 62 \text{ dB} \rightarrow$ **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.