

*This text is a translation from the original Danish document.
The original Danish version is attached for reference.*

Impact Sound Insulation

The results of the indicative measurements of impact sound insulation for a small piece of parquet flooring (1.5 m²) on a standard concrete slab in a laboratory are, according to Technical Note AV 1264/05:

- Parquet on joists on Harpun green spacer 50/100
Impact sound insulation: $\Delta L_{w} = 22 \text{ dB}$
- Parquet on joists on Harpun sound brick on Harpun green spacer 50/100
Impact sound insulation: $\Delta L_{w} = 26 \text{ dB}$

These results for a small test floor cannot be compared with results for 10 m² floor areas in the laboratory or in buildings, but the clear improvement from the additional use of the soft rubber pads is expected to be nearly the same in a building.

The expected improvement in impact sound insulation when using Harpun sound brick on green spacer is therefore 4 dB.