

Standardized impact sound pressure levels according to ISO/DIS 16283-2

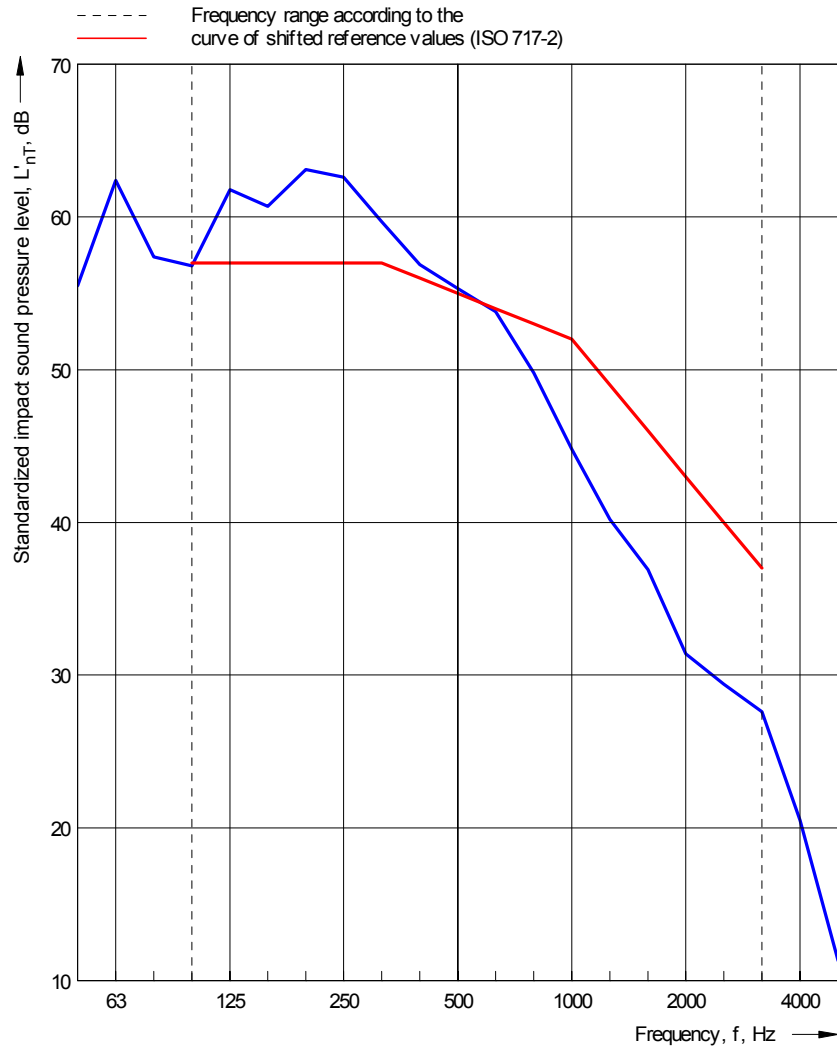
Field measurements of impact sound insulation of floors

Client: Prästängen AB Date of test: 2018-10-15
 Description: 14 Parquet floor + foam on Subfloor with 25 mm screed. 200 mm air gap with insulation, acoustic feet. Load-bearing floor construction of 150 mm CLT.

Object: Measured from floor 4 -> floor 3

Source room volume: 50 m³
 Receiving room volume: 50,0 m³

Frequency f [Hz]	L' _{nT} 1/3 octave [dB]
50	55,5
63	62,4
80	57,4
100	56,8
125	61,8
160	60,7
200	63,1
250	62,6
315	59,7
400	56,9
500	55,3
630	53,8
800	49,8
1 000	44,8
1 250	40,2
1 600	36,9
2 000	31,4
2 500	29,4
3 150	27,6
4 000	20,5
5 000	11,3



Rating according to ISO 717-2
 $L'_{nT,w}(C_1) = 55 (0) \text{ dB}$
 Evaluation based on field measurement results obtained in one-third-octave bands by an engineering method.
 $C_{1,50-2500} = 1 \text{ dB}$

Akustikverkstan AB
 No. of test report: 19-217-M2

Date: 2019-05-02 Signature: Pontus Thorsson