

Normalized impact sound pressure levels according to ISO 16283-2

Field measurement of impact sound insulation of floors

Client: Prästängen Date of test:
 Description: Uppifrån och ner: parkett med foam, 22 mm golvspån, 45 mm träreglar c/c 600, 200 mm luftspalt, platsgjutet betonggolv
 Top to bottom: parquet with foam, 22 mm chipboard, 45 mm wooden joist c/c 600, 200 mm air gap, cast-in-place concrete floor

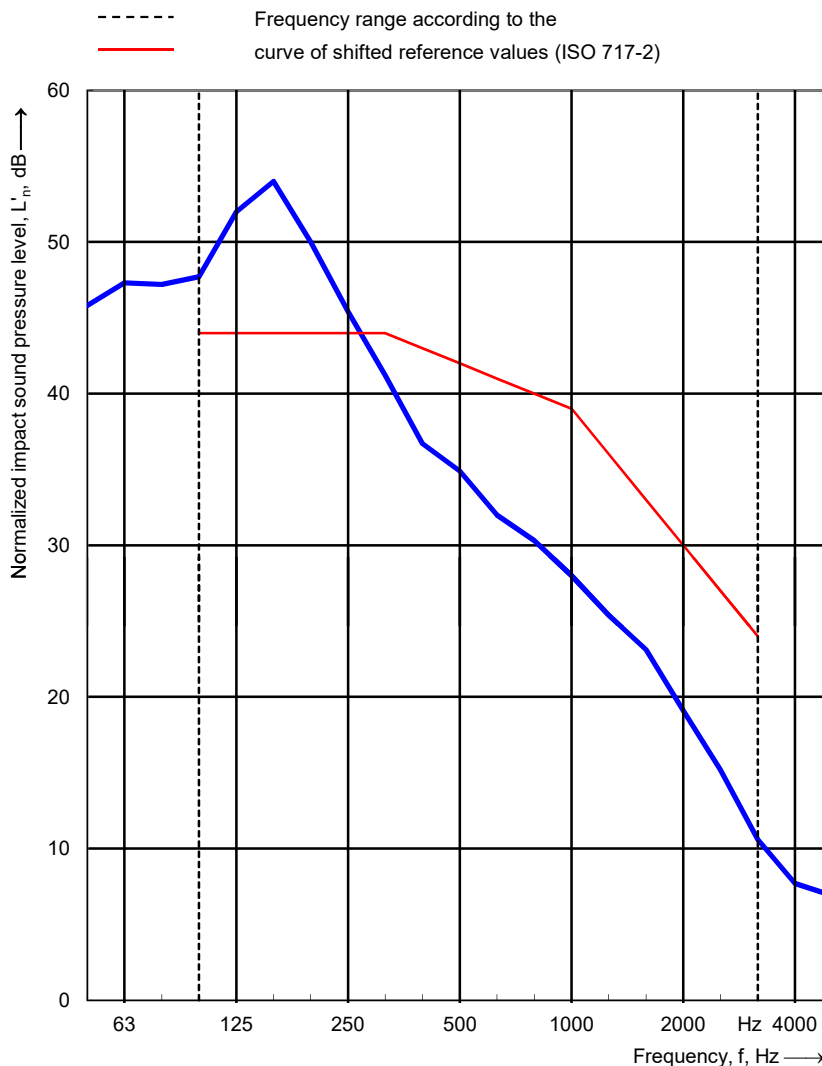
Object:

Source room volume:

Receiving room volume:

51,8 m³
 51,8 m³

Frequency f [Hz]	L' _n 1/3 octave [dB]
50	45,8
63	47,3
80	47,2
100	47,7
125	52,0
160	54,0
200	50,0
250	45,4
315	41,2
400	36,7
500	34,9
630	32,0
800	30,3
1000	28,0
1250	25,4
1600	23,1
2000	19,1
2500	15,2
3150	10,6 ¹
4000	7,7 ¹
5000	6,9 ¹



¹ Background noise too high

Rating according to ISO 717-2
 $L'_{n,w}(C_1) = 42 (1)$ dB $C_{1-50-2500} =$ dB
 Evaluation based on field measurements results obtained in one-third-octave bands by an engineering method.

Company: Akustikverkstan

No. of test report: Preliminära data

Date: 2019-01-31

Signature: