

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: 22 mm golvspån, 45 mm träreglar c/c 600, 200 mm luftspalt, platsgjutet betonggolv
 Top to bottom: 22 mm chipboard, 45 mm wooden joist c/c 600, 200 mm air gap, cast-in-place concrete floor.

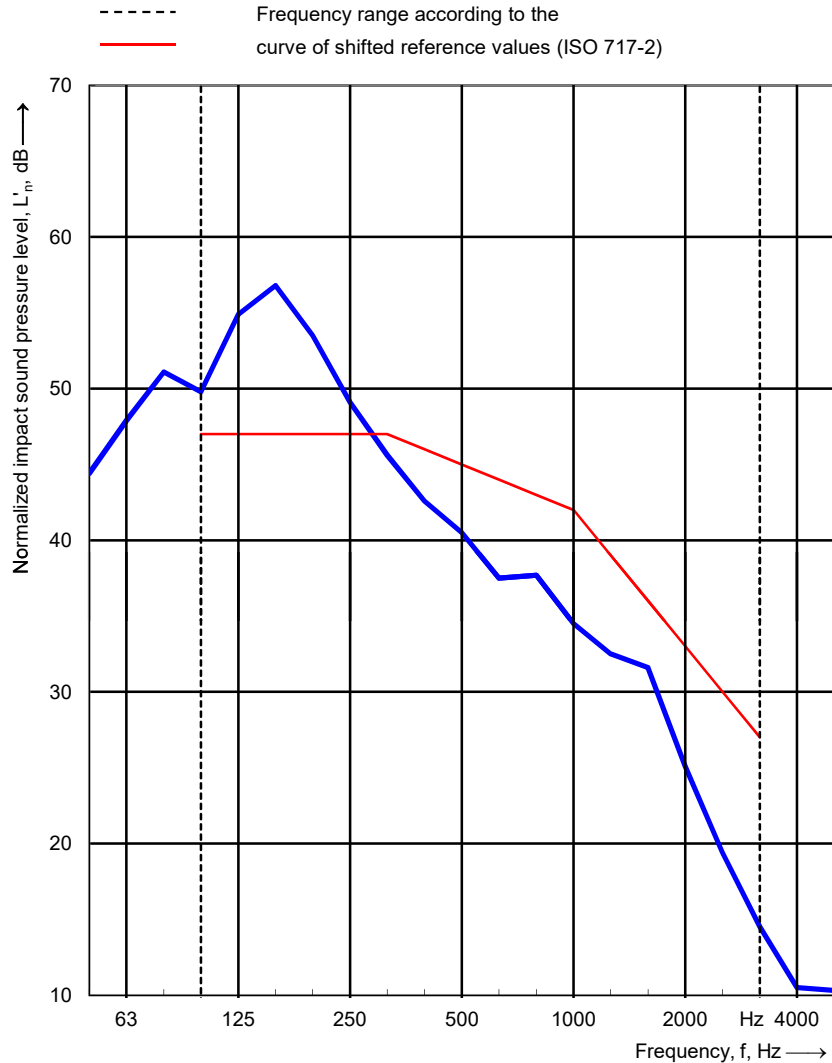
Object:

Source room volume:

Receiving room volume:

51,8 m³
 51,8 m³

Frequency f [Hz]	L' _n 1/3 octave [dB]
50	44,4
63	47,9
80	51,1
100	49,8
125	54,9
160	56,8
200	53,5
250	49,1
315	45,6
400	42,6
500	40,5
630	37,5
800	37,7
1000	34,5
1250	32,5
1600	31,6
2000	25,1
2500	19,4
3150	14,5
4000	10,5 ¹
5000	10,3 ¹



¹ Background noise too high

Rating according to ISO 717-2

$$L'_{n,w}(C_1) = 45 (1) \text{ dB}$$

$$C_{1,50-2500} = \text{ dB}$$

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: