

Normalized impact sound pressure levels according to ISO 16283-2

Field measurement of impact sound insulation of floors

Client: Prästängen Date of test:
 Description: Referens platsgjutet betongbjälklag | Reference cast-in-place concrete floor slab

Object:

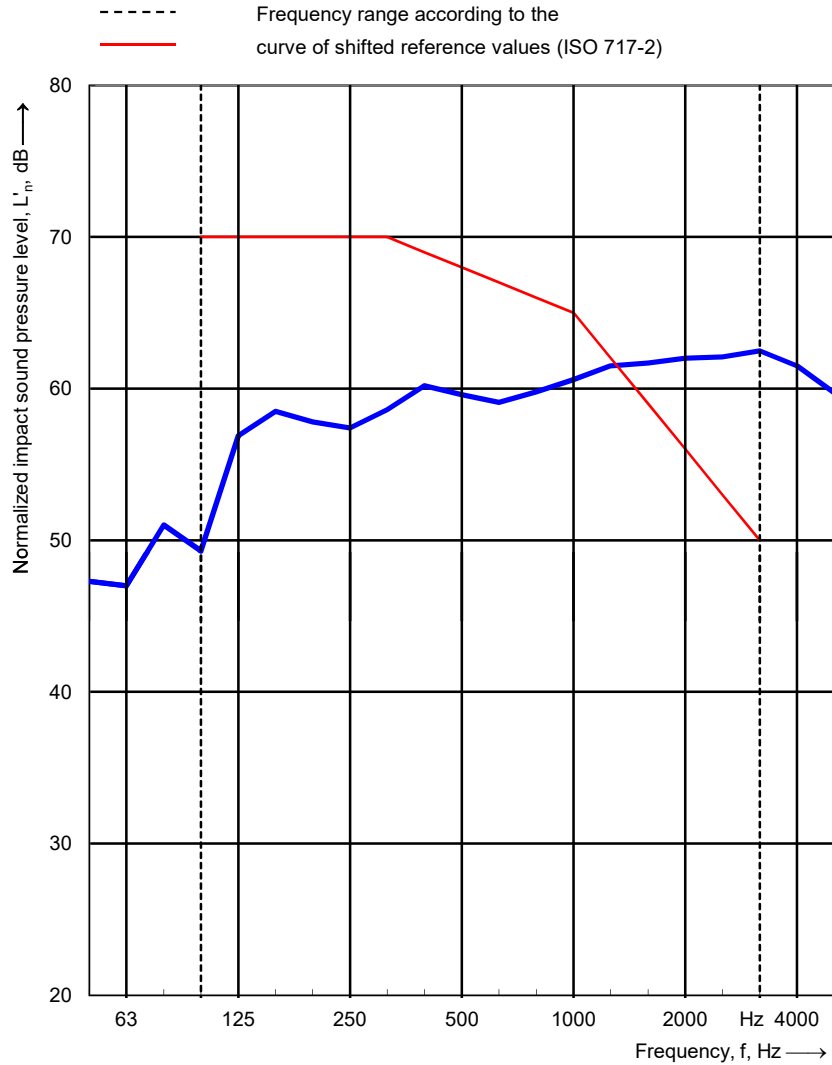
Source room volume:

51,8 m³

Receiving room volume:

51,8 m³

Frequency f [Hz]	L' _n 1/3 octave [dB]
50	47,3
63	47,0
80	51,0
100	49,3
125	56,9
160	58,5
200	57,8
250	57,4
315	58,6
400	60,2
500	59,6
630	59,1
800	59,8
1000	60,6
1250	61,5
1600	61,7
2000	62,0
2500	62,1
3150	62,5
4000	61,5
5000	59,7



Rating according to ISO 717-2

$$L'_{n,w}(C_1) = 68 \text{ (} -11 \text{) dB}$$

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

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: