

Normalized impact sound pressure levels according to UNI EN ISO 16283-1:2016**Solaio fra piano secondo e piano primo.**

Field measurements of impact sound insulation of floors

Client: Edile Pasquali - Granarolo

Date of test: 08/09/2016

Description: Stratigrafia: intonaco - solaio latero-cemento 28+5 - alleggerito 10cm - panisol p81 - riscaldamento a pavimento - massetto - pavimento in ceramica

Object: Solaio fra ambienti soggiorno - cucina

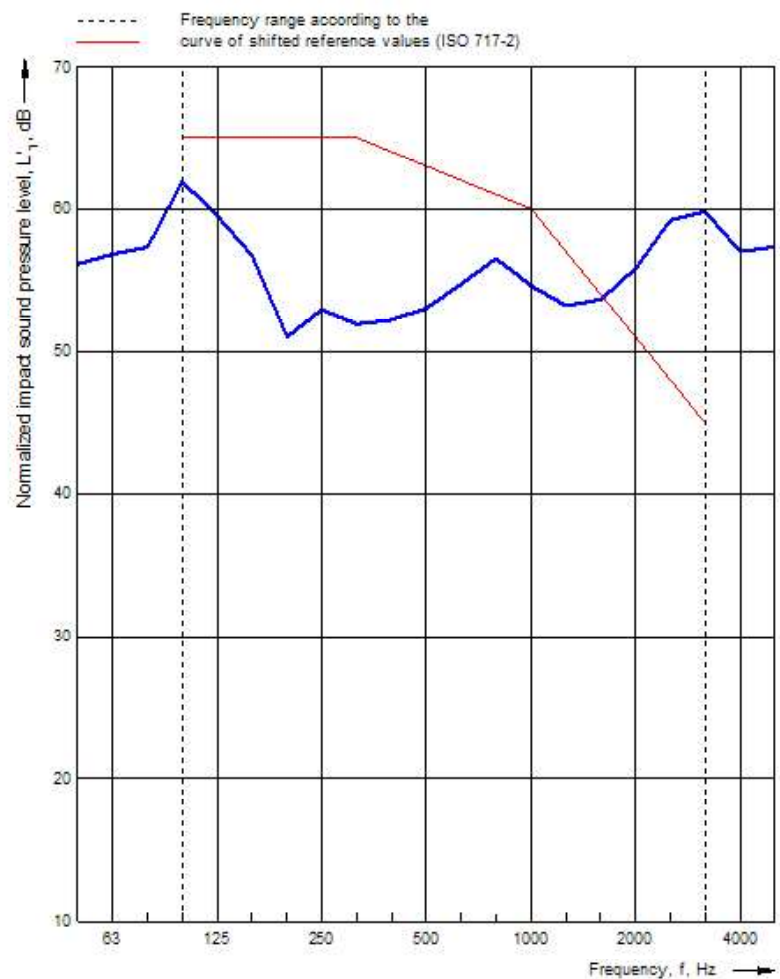
Source room volume:

m³

Receiving room volume:

73,0 m³

Frequency f [Hz]	L' _n 1/3 octave [dB]
50	56,1
63	56,8
80	57,3
100	61,9
125	59,5
160	58,7
200	51,0
250	52,9
315	51,9
400	52,2
500	53,0
630	54,7
800	56,5
1.000	54,6
1.250	53,2
1.600	53,6
2.000	55,8
2.500	59,2
3.150	59,8
4.000	57,0
5.000	57,3



Rating according to ISO 717-2

$$L'_{n,w}(C_1) = 63 (-10) \text{ dB}$$

Evaluation based on field measurement results obtained in one-third-octave bands by an engineering method.

$$C_{1,50-2500} = -9 \text{ dB}$$