

Reduction of impact sound pressure level according to ISO 10140

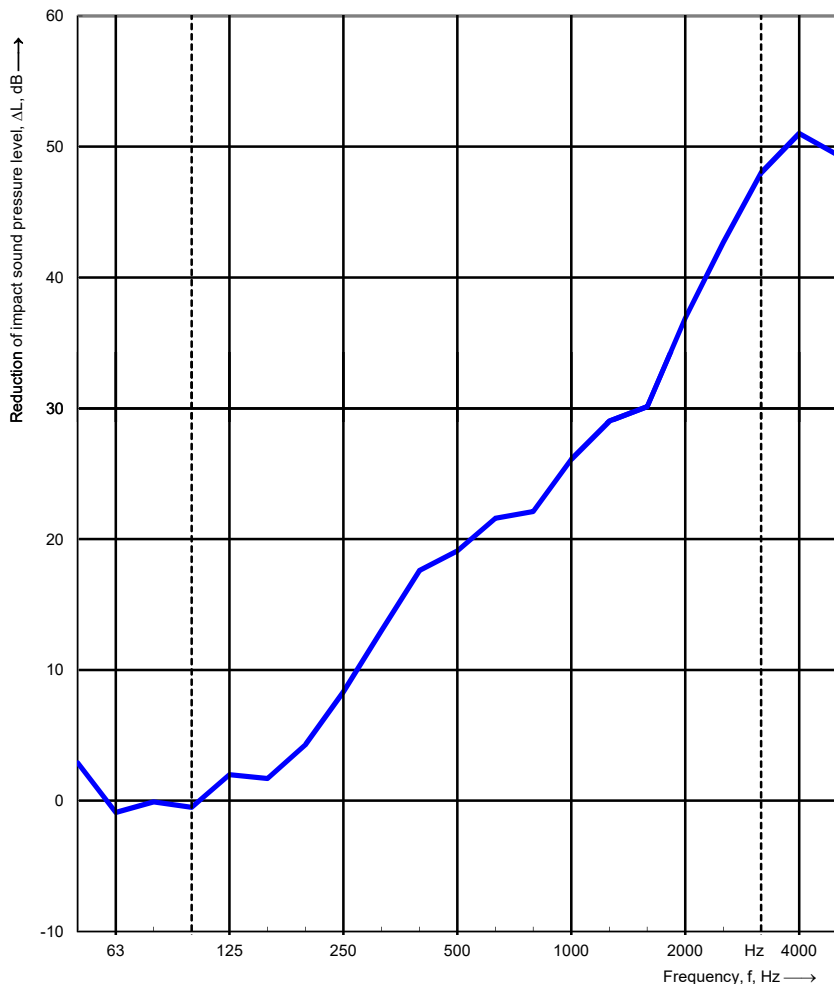
Client: Prästängen Date of test:
 Manufacturer:
 Test room identification:
 Test specimen mounted by:
 Product identification: Stegljudsförbättring | Step sound improvement
 Description of the specimen: Uppifrån och ner: 22 mm golvspån, 45 mm träreglar c/c 600, 200 mm luftspalt. Utvärderingen baseras på fältmätningar enligt 16283-2

 Top to bottom: 22 mm chipboard, 45 mm wooden joist c/c 600, 200 mm air gap.
 The evaluation is based on field measurements according to 16283-2.

Barometric pressure: kPa
 Air humidity: %
 Mass per unit area: kg/m²
 Curing time: s
 Temperature: °C
 Source room volume: m³
 Receiving room volume: m³

----- Frequency range for rating according to ISO 717-2

Frequency f [Hz]	L _{n,0} 1/3 octave [dB]	ΔL 1/3 octave [dB]
50	47,3	2,9
63	47,0	-0,9
80	51,0	-0,1
100	49,3	-0,5
125	56,9	2,0
160	58,5	1,7
200	57,8	4,3
250	57,4	8,3
315	58,6	13,0
400	60,2	17,6
500	59,6	19,1
630	59,1	21,6
800	59,8	22,1
1000	60,6	26,1
1250	61,5	29,0
1600	61,7	30,1
2000	62,0	36,9
2500	62,1	42,7
3150	62,5	48,0
4000	61,5	51,0
5000	59,7	49,4



Rating according to ISO 717-2
 $\Delta L_w = 21 \text{ dB}$ $C_{i,\Delta} = -12 \text{ dB}$ $C_{i,r} = 1 \text{ dB}$
 These results are based on test made with an artificial source under laboratory conditions obtained in one-third-octave bands by an engineering method.

Company: Akustikverkstan
 No. of test report: Preliminära data

Date: 2019-01-30 Signature: