

Appendix 14

Normalized impact sound pressure levels according to SS-EN ISO 10140-3

Laboratory measurements of impact sound insulation of floors

Client: Granab AB Date of test: 2024-12-04

Manufacturer:

Test room identification: RISE Impact sound insulation laboratory

Mounted by: Granab / RISE

Product identification: CLT Martinsons, 200 mm, Granab 8000 W25, height: 200 mm, 190 mm rock wool, 22 mm floor chipwood. Frame: 2 x 22 mm plywood, 1 x 13 mm plasterboard.

Description of the specimen: 1 mm felt underlayment, Combiboard G 18, 1 x 15 Norit

Area, S, of test element: 12,00 m² Static pressure: 100,6 kPa

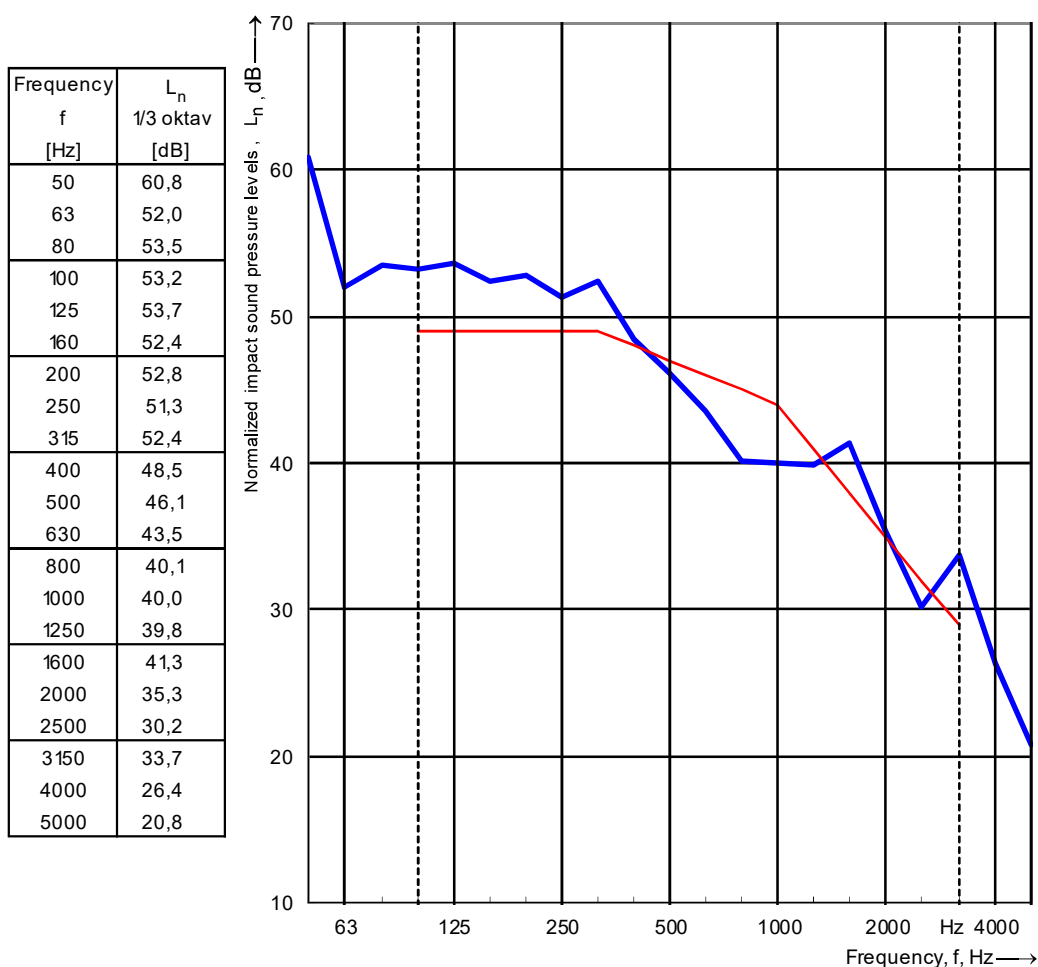
Receiving room volume: 132,8 m³ Air temperature: 18,8 °C

Mass per unit area: Relative air humidity: 29,8 %

Curing time:

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

— curve of shifted reference values (ISO 717-2)



Rating according to ISO 717-2

L_{rw}(C₁) = 47 (-1) dBC₁₅₀₋₂₅₀₀ = 3 dB

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