

Data Sheet 1

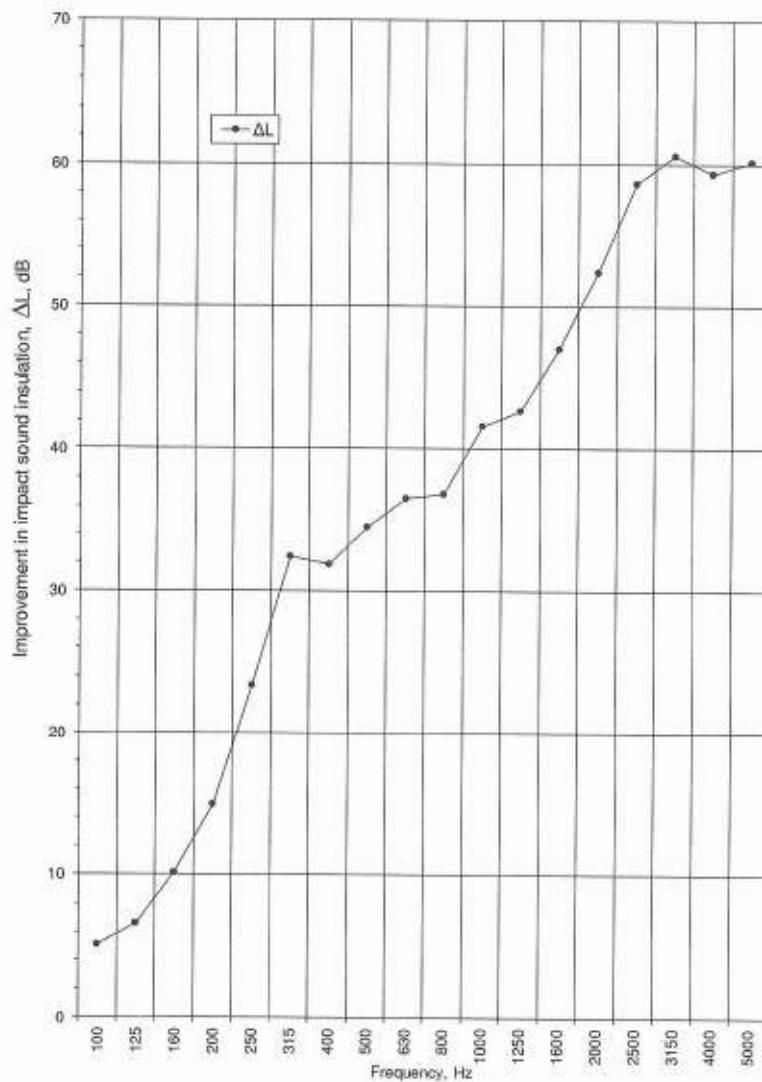
Test Number: AI
 Test Date: 17/08/2018
 Client: Interfloor
 Method of mounting: Loose laid
 Receiving room volume: 300m³
 Product identification: Technics 5

Sample mass: 3.1 kg/m²
 Thickness: 5.3 mm
 Length: 2.49 m
 Width: 1.35 m

Test Room: Source Receiving
 Air temperature: 21.6 20.9 °C
 Air Humidity: 59 68 %
 Air Pressure: 1012 mbar

The sample did not suffer visible damage during the test

Freq f Hz	L _{u0} Third octave dB	ΔL Third octave dB
100	67.3	5.1
125	67.7	6.6
160	68.9	10.1
200	68.9	14.9
250	69.9	23.4
315	70.7	32.4
400	71.4	31.9
500	71.9	34.5
630	72.3	36.5
800	72.4	36.8
1000	73.2	41.6
1250	74.4	42.7
1600	75.9	47.0
2000	76.5	52.4
2500	77.2	58.6 *
3150	77.3	60.6 *
4000	76.4	59.3 *
5000	74.4	60.2 *



L_{u0} : Is the normalised impact sound pressure level of the bare heavyweight test floor.

ΔL : Is the improvement in impact sound insulation resulting from the installation of the test floor covering.

* Denotes results corrected for background

Denotes results at background

Rating according to BS EN ISO 717-2:2013

Results are based on a test made with an artificial source under laboratory conditions.

Weighted reduction of impact sound pressure level of sample and (spectrum adaptation term)

ΔL_w (C₅₀) = 29 (-13) dB

Weighted normalised impact sound pressure level of bare reference floor and (spectrum adaptation term)

L_{u0,w} (C₅₀) = 78 (-11) dB

Weighted normalised impact sound pressure level of reference floor with sample and (spectrum adaptation term)

L_{u,w} (C₅₀) = 49 (2) dB