

Standardized Level Difference according to ISO 140-4

Field measurements of airborne sound insulation between rooms

Client: Protecta Group

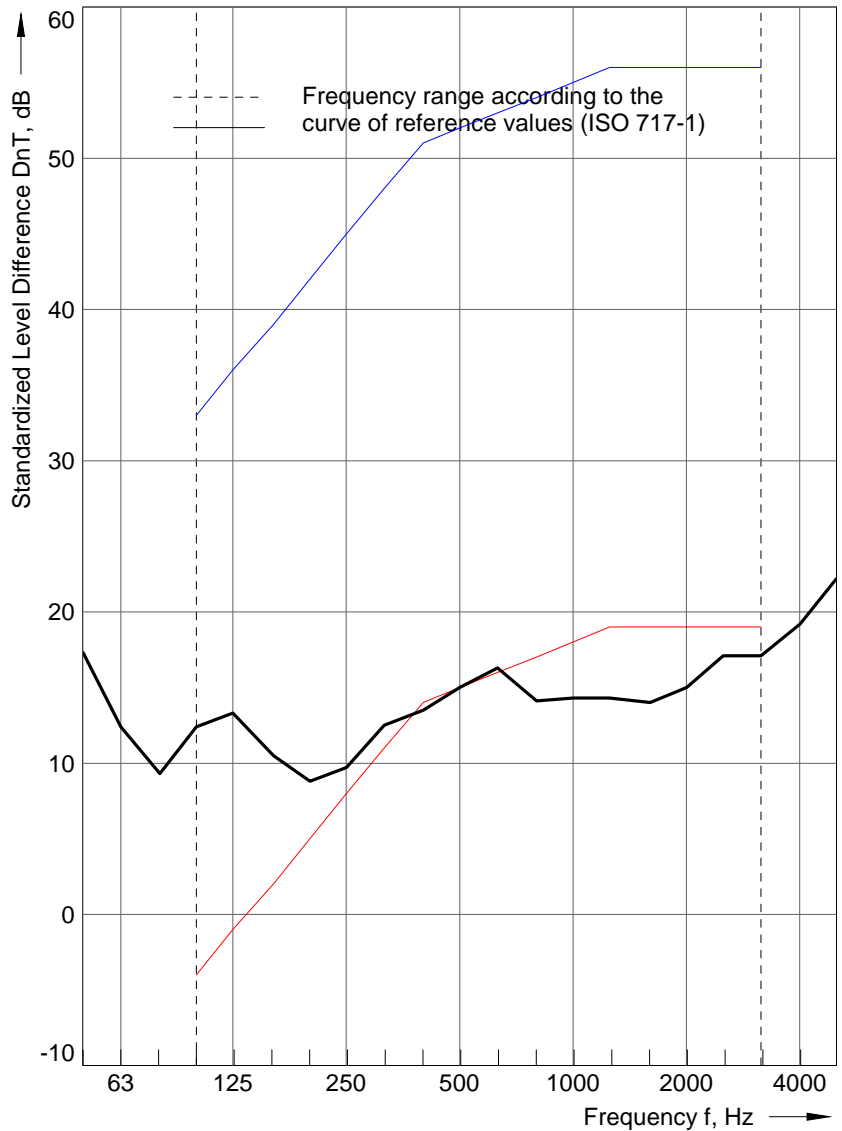
Date of test: 06/06/2013

Description and identification of the building construction and test arrangement, direction of measurement:

Four sided hollow PVC temporary enclosure

Source room volume: 12.5 m³
Receiving room volume V: 15.20 m³

Frequency f Hz	DnT 1/3 Octave dB
50	17.3
63	12.4
80	9.3
100	12.4
125	13.3
160	10.5
200	8.8
250	9.7
315	12.5
400	13.5
500	15.0
630	16.3
800	14.1
1000	14.3
1250	14.3
1600	14.0
2000	15.0
2500	17.1
3150	17.1
4000	19.2
5000	22.2



Rating according to ISO 717-1

$$D_{nT,w}(C;C_{tr}) = 15 (0; -1) \text{ dB}$$

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

$$C_{50-3150} = 0 \text{ dB}; \quad C_{50-5000} = 0 \text{ dB}; \quad C_{100-5000} = 0 \text{ dB};$$

$$C_{tr,50-3150} = -1 \text{ dB}; \quad C_{tr,50-5000} = -1 \text{ dB}; \quad C_{tr,100-5000} = -1 \text{ dB};$$

No. of test report: 5152-1

Name of test institute: Day Design Pty Ltd

Date: 11/06/2013

Signature: