

Appendix 1

Determination of sound insulation in a laboratory according to EN ISO 10140-2

Client: HIAK AB

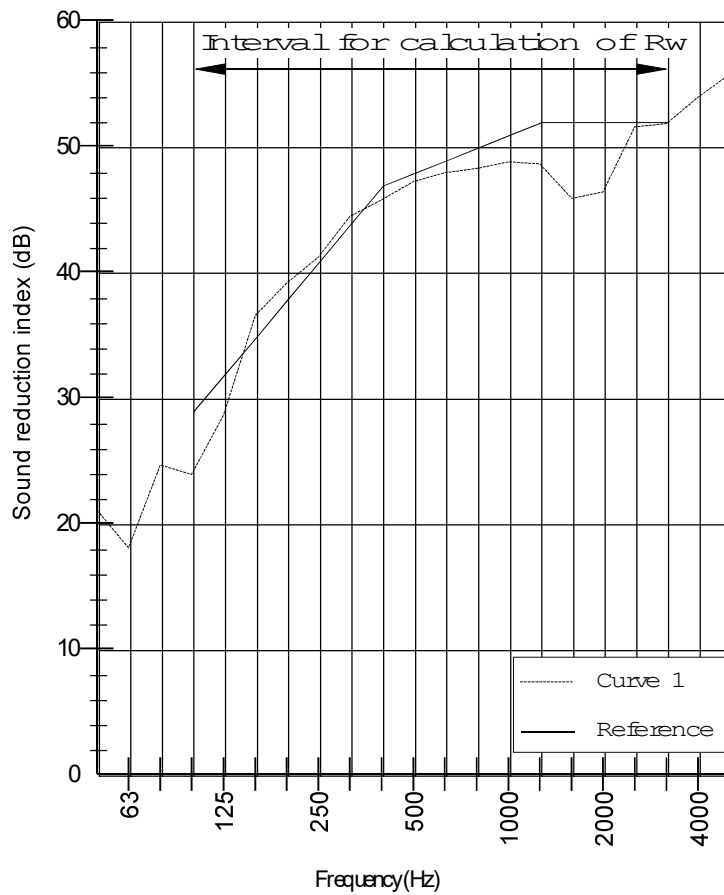
Date of test: 2017-06-27

Test object: A door of type *Acoustic door TLE-48*

Thickness and weight of the door leaf: 107 mm resp. 95 kg.

Area of the test opening and module: 2,36 m², M11*M21

Result: Curve 1 – Test object
Curve 2 - Reference curve



Frequency (Hz)	Curve 1 (dB)
50	21
63	18
80	24,6
100	23,9
125	28,6
160	36,5
200	39,1
250	41,1
315	44,4
400	45,7
500	47,1
630	47,9
800	48,2
1000	48,7
1250	48,6
1600	45,8
2000	46,3
2500	51,5
3150	51,7
4000	53,9
5000	55,7

Rw	48
(C; Ctr)	(-2;-7)
50-3150	(-3;-11)
50-5000	(-2;-11)
Rmean	43,4
Sum. Dev.	32
Max. Dev.	6,2
Frequency	1600