

Appendix 3

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

Client: HIAK AB

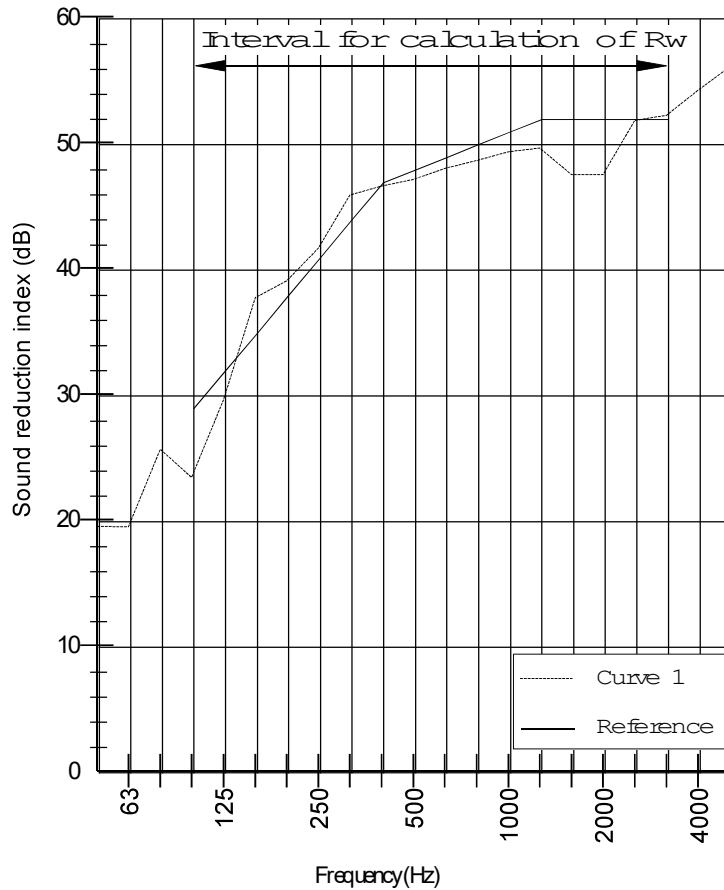
Date of test: 2017-06-27

Test object: Dörren: *Acoustic door TLE-48* – With an extra sealing strip on the door leaf on the hinge side.

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	19,5
63	19,4
80	25,6
100	23,3
125	29,5
160	37,7
200	39
250	41,6
315	45,8
400	46,5
500	47,1
630	47,9
800	48,6
1000	49,3
1250	49,5
1600	47,4
2000	47,4
2500	51,7
3150	52,2
4000	54,2
5000	56

Rw	48
(C; Ctr)	(-2;-7)
50-3150	(-3;-11)
50-5000	(-2;-11)
Rmean	44
Sum. Dev.	25,8
Max. Dev.	5,7
Frequency	100