

Determination of sound insulation in a laboratory according to ISO 140-3

Client: Nordan AS Date of test: 2011-03-10

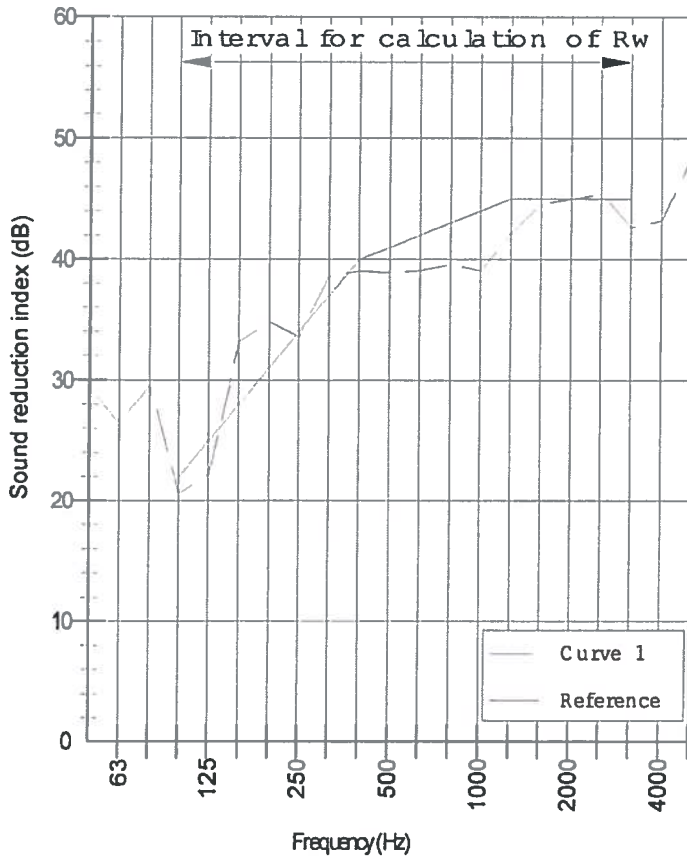
Test object: Glazed door, standard outward going

Glazing from the outside: 4/0,76/4 glass - 10 argon - 4 glass - 18 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the frame. One on the top and the bottom of the sash.

Area of the test opening and module: 2,15 m², M10*M21

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



Frequency (Hz)	Curve 1 (dB)
50	29,2
63	26,5
80	29,5
100	20,7
125	22,1
160	33,2
200	34,8
250	33,5
315	38,7
400	39
500	38,9
630	39,1
800	39,6
1000	39,1
1250	42,2
1600	44,6
2000	44,9
2500	45,5
3150	42,6
4000	43,1
5000	48,4

R_w	41
(C; Ctr)	(-1;-5)
50-3150	(-1;-5)
50-5000	(-1;-6)
R_{mean}	37,4
Sum. Dev.	24,7
Max. Dev.	4,9
Frequency	1000