

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

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

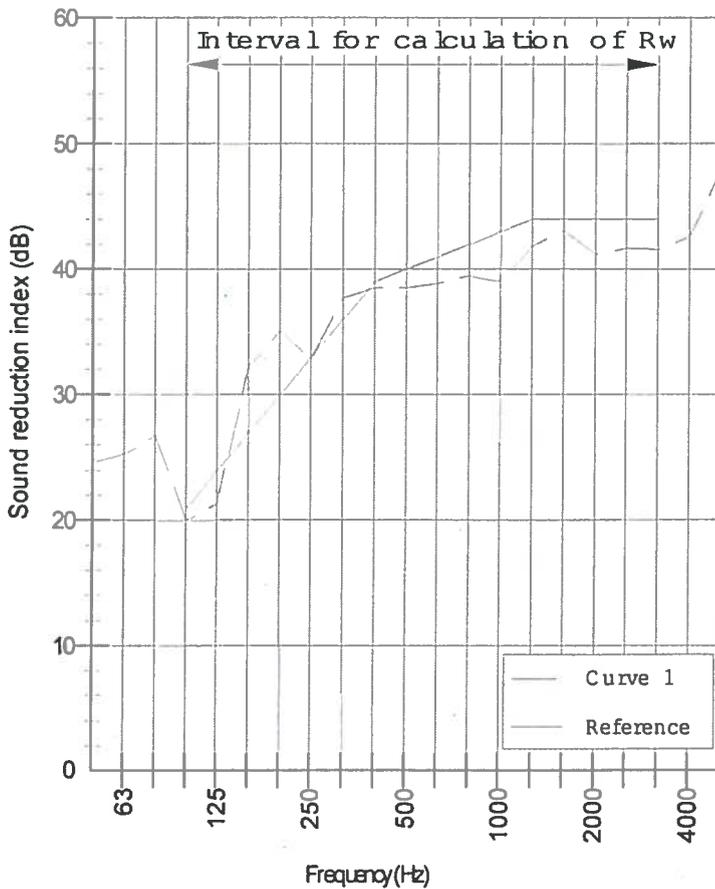
Test object: Glazed door, standard outward going

Glazing from the outside: 6 glass - 12 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 m<sup>2</sup>, M10\*M21

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



Frequency (Hz)	Curve 1 (dB)
50	24,6
63	25,2
80	26,7
100	20
125	21,3
160	32,3
200	35
250	32,7
315	37,7
400	38,5
500	38,5
630	38,8
800	39,5
1000	39
1250	41,8
1600	43
2000	41,2
2500	41,6
3150	41,6
4000	42,6
5000	47,9

Rw	40
(C; Ctr)	(-1;-5)
50-3150	(-1;-5)
50-5000	(0;-5)
Rmean	36,4
Sum. Dev.	25,5
Max. Dev.	4
Frequency	1000