

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

Client: Nordan AS Date of test: 2011-03-08

Test object: Standard inward going window

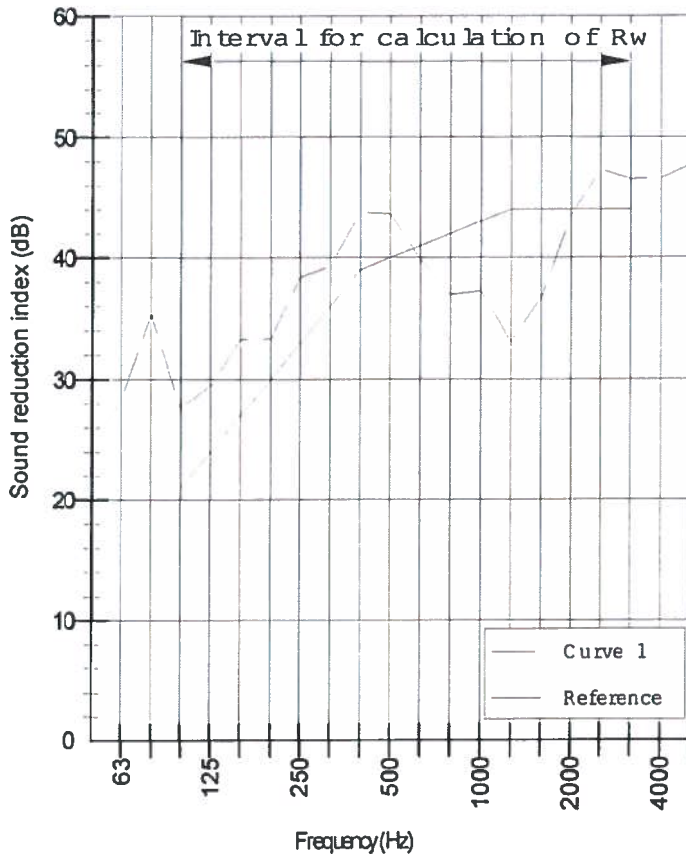
Glass unit: From the outside: 6/0,76/6 glass - 24 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the sash

Temperature and humidity: 22° C resp. 19% RH

Area of the test opening: 1,87 m<sup>2</sup>, concrete module

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



Frequency (Hz)	Curve 1 (dB)
50	24,8
63	28,3
80	35,3
100	27,7
125	29,5
160	33,3
200	33,3
250	38,4
315	39,3
400	43,7
500	43,6
630	39,8
800	37
1000	37,2
1250	33
1600	36,6
2000	43,5
2500	47,3
3150	46,5
4000	46,6
5000	47,7

Rw	40
(C; Ctr)	(-2;-3)
50-3150	(-2;-4)
50-5000	(-1;-4)
Rmean	38,1
Sum. Dev.	30,9
Max. Dev.	11
Frequency	1250