

**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

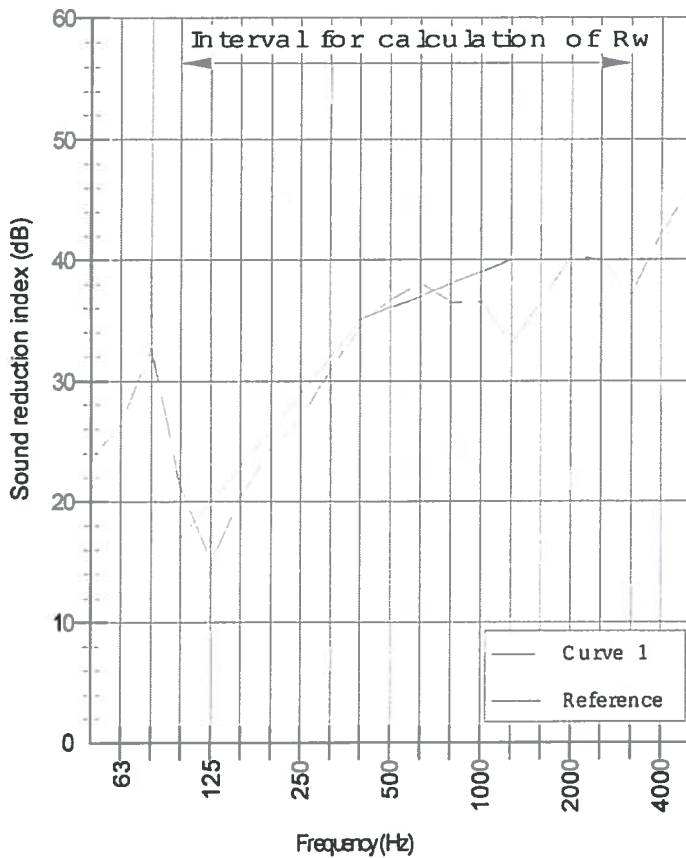
Glass unit: From the outside: 6 glass - 16 argon - 4 glass - 20 argon - 4 glass

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	23,7
63	26,3
80	32,7
100	21,1
125	15,1
160	20,6
200	24,4
250	26,8
315	30,9
400	34,5
500	36,7
630	38
800	36,5
1000	36,6
1250	33
1600	36,6
2000	40,3
2500	40
3150	37,1
4000	42,2
5000	46,2

Rw	36
(C; Ctr)	(-2;-6)
50-3150	(-2;-6)
50-5000	(-1;-6)
Rmean	31,8
Sum. Dev.	29,9
Max. Dev.	7
Frequency	1250