

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

Client: Nordan AS Date of test: 2011-03-09

Test object: Standard outward going window

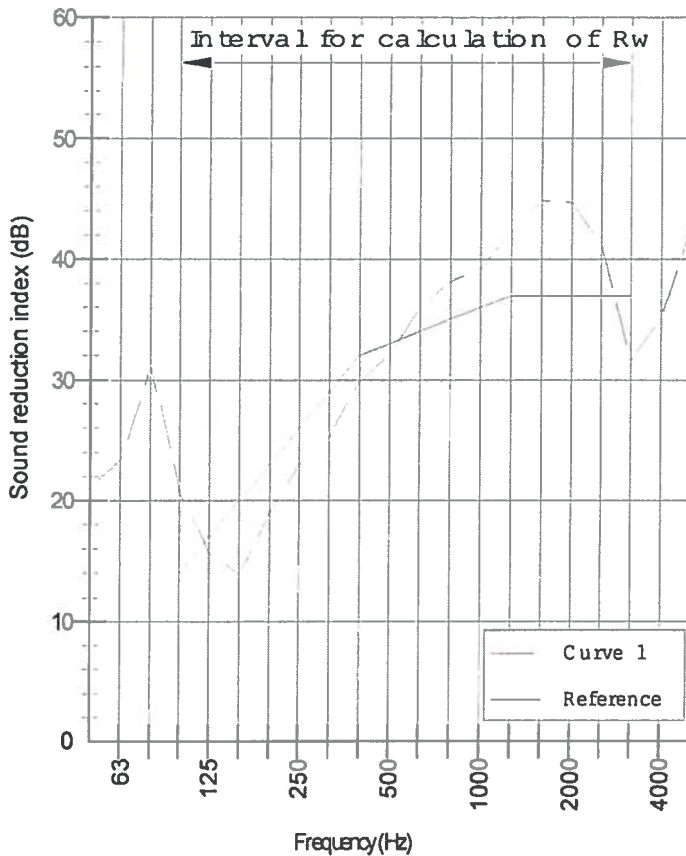
Glass unit: From the outside: 4 glass - 16 argon - 4 glass - 16 argon - 4 glass

Sealing lists: One on all sides of the sash.

Temperature and humidity: 21° C resp. 20% 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	21,2
63	23,4
80	31,1
100	20,7
125	15,6
160	13,9
200	18,9
250	23
315	25,3
400	29,9
500	32,1
630	36
800	38,2
1000	39,2
1250	42,4
1600	44,8
2000	44,6
2500	41,1
3150	31,6
4000	35,1
5000	42,6

Rw	33
(C; Ctr)	(-2;-6)
50-3150	(-2;-6)
50-5000	(-1;-6)
Rmean	31,1
Sum. Dev.	26,7
Max. Dev.	6,1
Frequency	160