

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

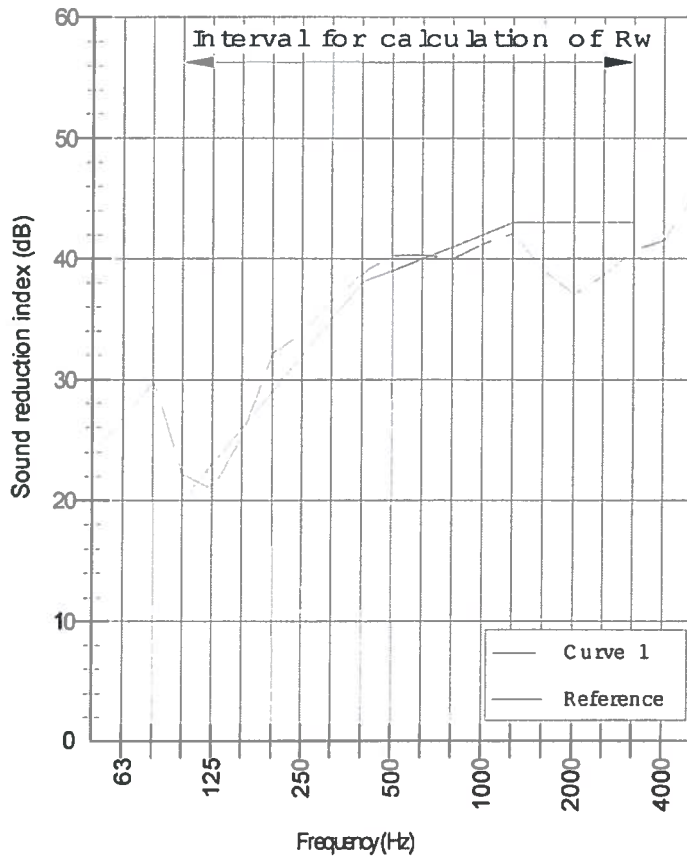
Glass unit: From the outside: 6 glass - 12 argon - 4 glass - 18 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the sash.

Temperature and humidity: 21° C resp. 20% RH

Area of the test opening and module: 1,87 m², concrete module

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



Frequency (Hz)	Curve 1 (dB)
50	24,1
63	26,8
80	29,8
100	22,2
125	20,9
160	25,4
200	32,2
250	33,8
315	36,6
400	38,7
500	40,2
630	40,3
800	39,9
1000	41,2
1250	42,1
1600	39
2000	37,1
2500	38,6
3150	40,7
4000	41,5
5000	45,3

Rw	39
(C; Ctr)	(-1;-4)
50-3150	(-1;-4)
50-5000	(-1;-4)
Rmean	35,6
Sum. Dev.	22,1
Max. Dev.	5,9
Frequency	2000