

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

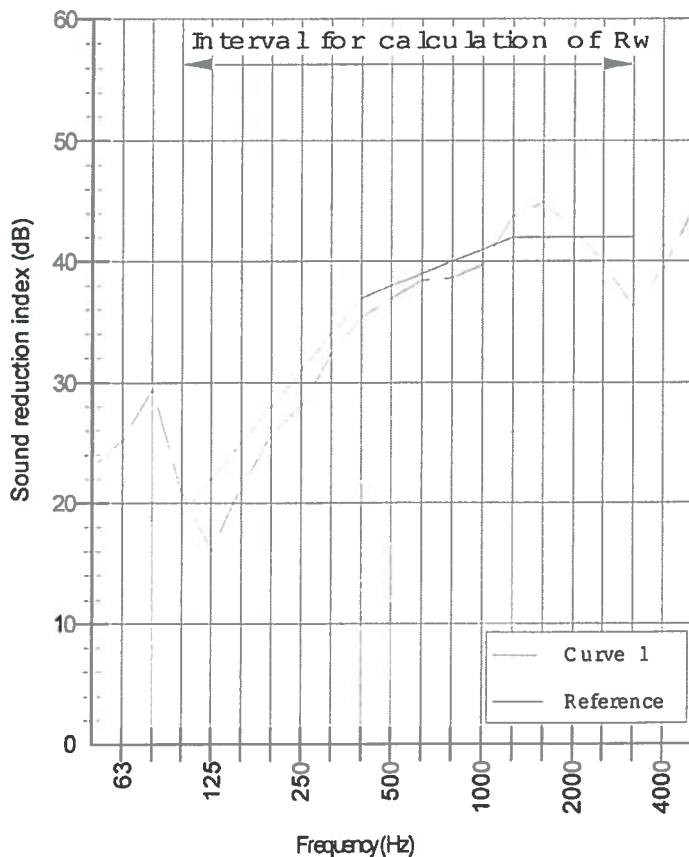
Glass unit: From the outside: 6 glass - 16 argon - 4 glass - 20 argon - 4 glass

Sealing lists: One on all sides of the sash.

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

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

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



Frequency (Hz)	Curve 1 (dB)
50	22,9
63	25,2
80	29,4
100	20,9
125	16
160	21,3
200	25,7
250	28,1
315	32,3
400	35,4
500	37
630	38,5
800	38,7
1000	39,7
1250	43,7
1600	44,9
2000	42,6
2500	40
3150	36,3
4000	39,3
5000	44,2

Rw	38
(C; Ctr)	(-2;-6)
50-3150	(-2;-7)
50-5000	(-2;-7)
Rmean	33,8
Sum. Dev.	30
Max. Dev.	6
Frequency	125