

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

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

Test object: Standard inward going window

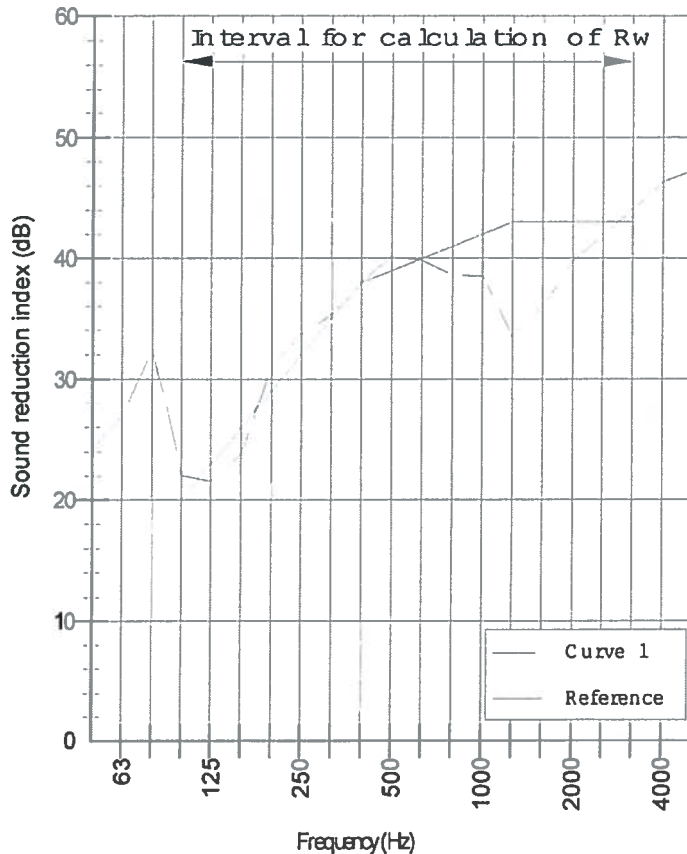
Glass unit: From the outside: 6 glass - 12 argon - 4 glass - 18 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the sash.

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

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

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



Frequency (Hz)	Curve 1 (dB)
50	24,3
63	27
80	32,5
100	22
125	21,6
160	23,8
200	31,2
250	33,7
315	35,3
400	38,2
500	40,1
630	39,8
800	38,6
1000	38,5
1250	33,4
1600	36,1
2000	39,8
2500	41,9
3150	44
4000	46,3
5000	47,3

Rw	39
(C; Ctr)	(-2;-5)
50-3150	(-2;-5)
50-5000	(-2;-5)
Rmean	34,9
Sum. Dev.	30,5
Max. Dev.	9,6
Frequency	1250