

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

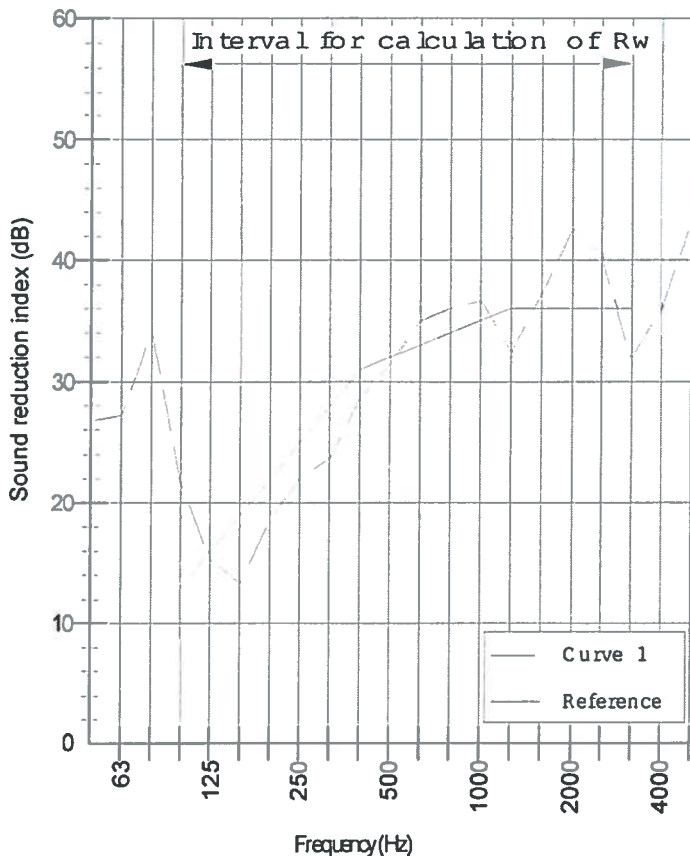
Glass unit: From the outside: 4 glass - 16 argon - 4 glass - 16 argon - 4 glass

Sealing lists: One on all sides of the sash

Temperature and humidity: 22° C resp. 19% RH

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

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



Frequency (Hz)	Curve 1 (dB)
50	26,7
63	27,2
80	34,1
100	21,6
125	15,3
160	13,3
200	18,6
250	22,1
315	23,6
400	28,7
500	31,4
630	35
800	36
1000	36,7
1250	32,4
1600	37,3
2000	42,6
2500	40,5
3150	31,9
4000	36
5000	43,2

R_w	32
(C; Ctr)	(-2;-5)
50-3150	(-2;-5)
50-5000	(-1;-5)
Rmean	29,2
Sum. Dev.	27,7
Max. Dev.	5,7
Frequency	160