

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 – An extra sealing strip on the frame on the top and on the sides

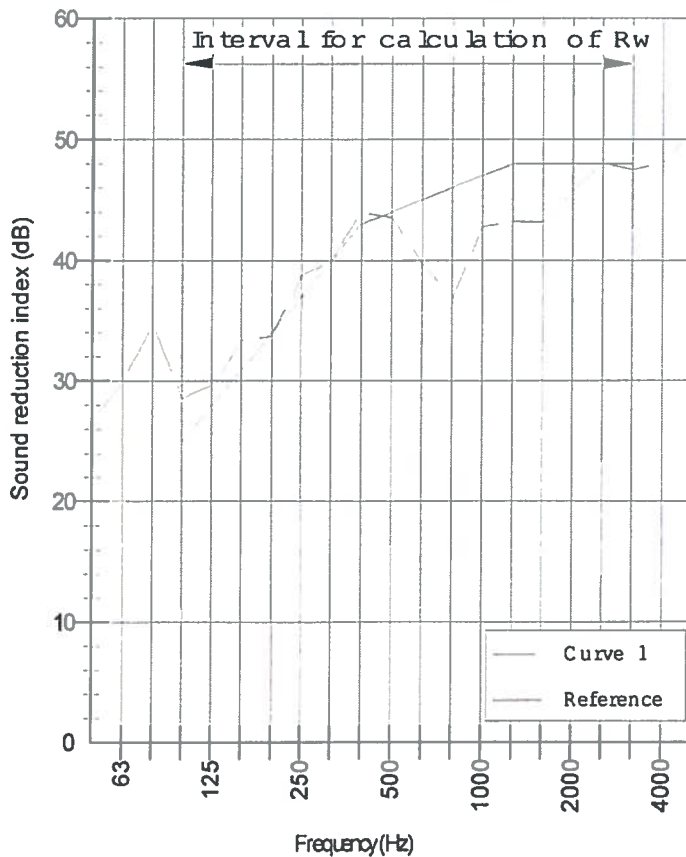
Glass unit: From the outside: 6/0,76/6 glass - 24 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the sash. One on three sides of the frame.

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	26,9
63	30
80	34,5
100	28,5
125	29,6
160	33,4
200	33,7
250	38,6
315	40
400	43,9
500	43,5
630	39,8
800	36,8
1000	42,8
1250	43,2
1600	43,2
2000	45,8
2500	48
3150	47,5
4000	48,1
5000	50,7

R_w	44
(C; Ctr)	(-2;-5)
50-3150	(-2;-5)
50-5000	(-1;-5)
R_{mean}	39,9
Sum. Dev.	31,7
Max. Dev.	9,2
Frequency	800