

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

Client: Nordan AS Date of test: 2011-03-08

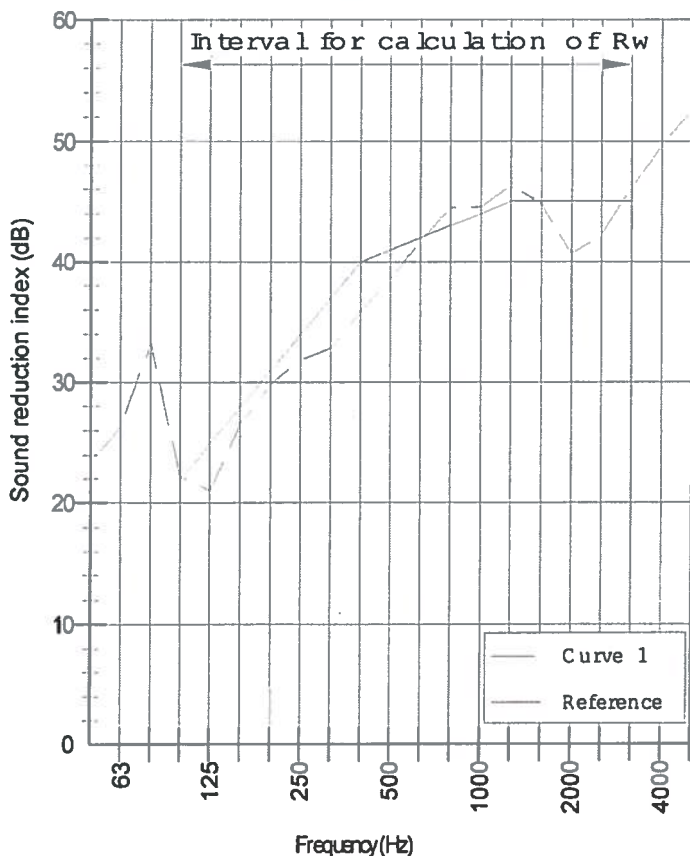
Test object: Fixed window (not openable), 1230 mm x 1480 mm

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

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	23,5
63	26,4
80	33,3
100	22,1
125	21
160	26,6
200	29,8
250	31,9
315	32,8
400	35,9
500	38,6
630	41,6
800	44,4
1000	44,5
1250	46,3
1600	44,8
2000	40,7
2500	42,2
3150	46,1
4000	49,6
5000	52,5

R_w	41
(C; Ctr)	(-2;-6)
50-3150	(-2;-6)
50-5000	(-1;-6)
R_{mean}	36,8
Sum. Dev.	27,1
Max. Dev.	4,3
Frequency	2000