

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

Client: Nordan AS Date of test: 2010-11-09

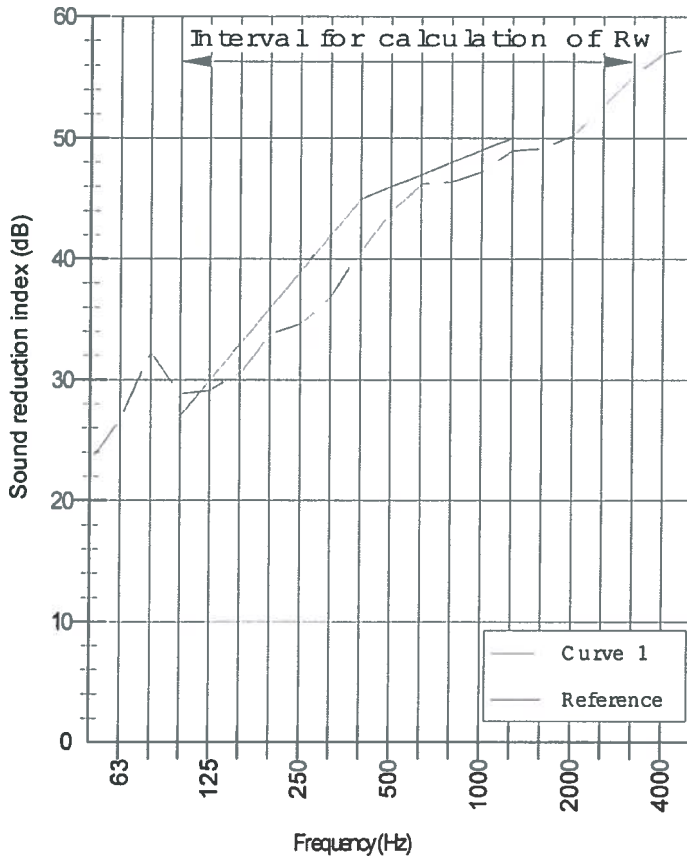
Test object: Fixed window (not openable), 1235 mm x 1485 mm

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

Temperature and humidity: 20° C resp. 28% RH

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

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



Frequency (Hz)	Curve 1 (dB)
50	23,4
63	26,8
80	32,3
100	28,9
125	29,1
160	30,6
200	33,8
250	34,7
315	36,9
400	40,7
500	44
630	46,2
800	46,4
1000	47,2
1250	49
1600	49,1
2000	50,2
2500	52,6
3150	55,2
4000	57
5000	57,4

R_w	46
(C; Ctr)	(-2;-5)
50-3150	(-2;-7)
50-5000	(-1;-7)
R _{mean}	42,2
Sum. Dev.	27,3
Max. Dev.	5,1
Frequency	315