

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: 4 glass- 16 argon - 4 glass - 16 argon - 4 glass

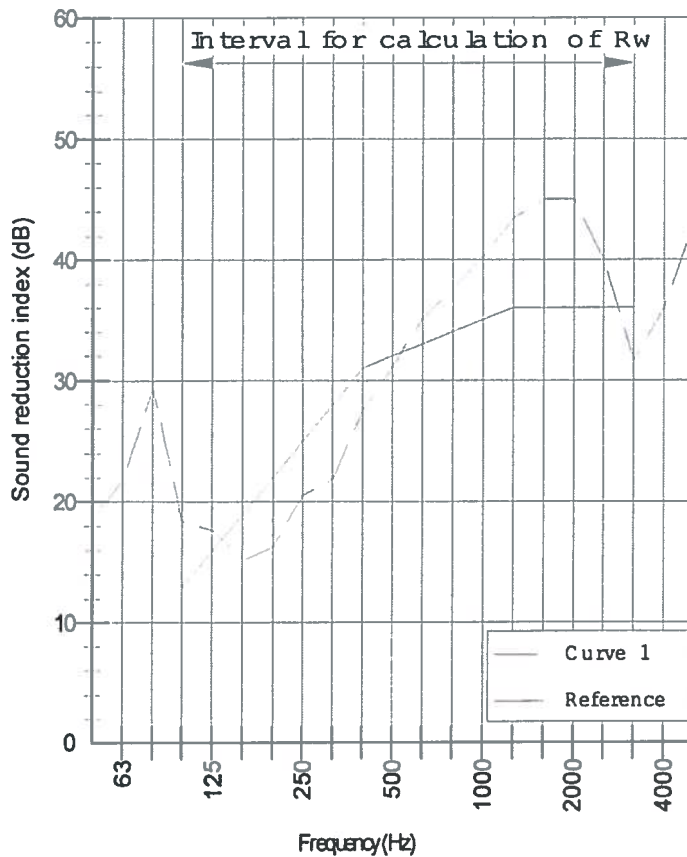
Sealing lists:

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	18,8
63	21,8
80	29,3
100	18,4
125	17,6
160	15,2
200	16,3
250	20,5
315	21,9
400	27,5
500	31,1
630	35,1
800	37,7
1000	40,3
1250	43,4
1600	45
2000	45
2500	40,1
3150	31,7
4000	35,9
5000	43,3

R_w	32
(C; Ctr)	(-1;-5)
50-3150	(-2;-6)
50-5000	(-1;-6)
R_{mean}	30,4
Sum. Dev.	28,8
Max. Dev.	6,1
Frequency	315