

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

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

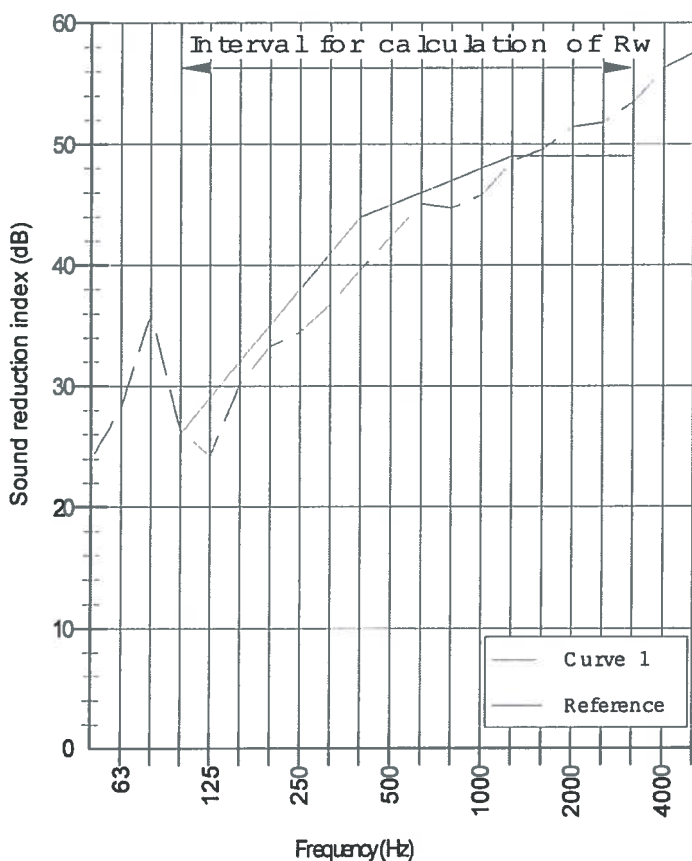
Test object: Fast fönster (ej öppningsbart)

Glass unit: From the outside: 4/0,38/4 glass - 10 argon - 4 glass - 18 argon - 4/0,38/4 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	24
63	28,2
80	35,9
100	26,3
125	24,2
160	30,2
200	33,3
250	34,4
315	36,8
400	39,6
500	42,4
630	45,1
800	44,8
1000	45,8
1250	48,6
1600	49,5
2000	51,5
2500	51,8
3150	53,5
4000	56,3
5000	57,5

R_w	45
(C; Ctr)	(-2;-6)
50-3150	(-2;-7)
50-5000	(-1;-7)
Rmean	41,1
Sum. Dev.	28,8
Max. Dev.	4,8
Frequency	125