

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

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

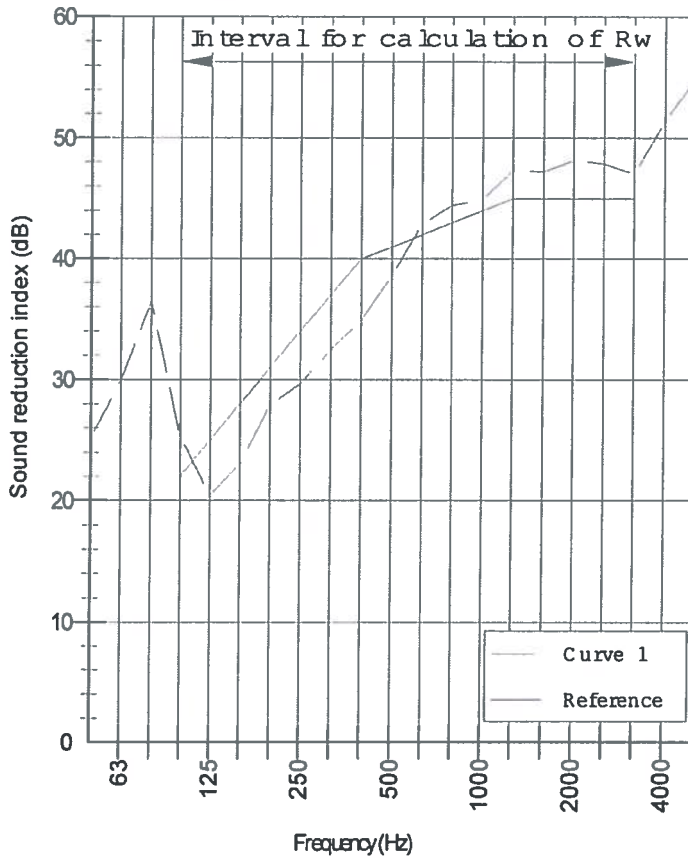
Test object: Fixed window (not openable), 1235 mm x 1485 mm

Glass unit: From the outside: 4 glass - 10 argon - 8 glass - 18 argon - 4/0,76/4 glass

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

Area of the test opening and module: 1,87 m<sup>2</sup>, concrete module

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



Frequency (Hz)	Curve 1 (dB)
50	25,2
63	29,9
80	36,4
100	25,3
125	20,4
160	23
200	27,9
250	29,7
315	32,5
400	34,9
500	38,6
630	42,9
800	44,4
1000	44,9
1250	47,3
1600	47,2
2000	48,2
2500	47,9
3150	47
4000	51,4
5000	54,8

Rw	41
(C; Ctr)	(-2;-6)
50-3150	(-2;-7)
50-5000	(-1;-7)
Rmean	37,6
Sum. Dev.	29
Max. Dev.	5,1
Frequency	400

20.24