



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

Client: Nordan AS Date of test: 2011-03-09

Test object: Standard outward going window

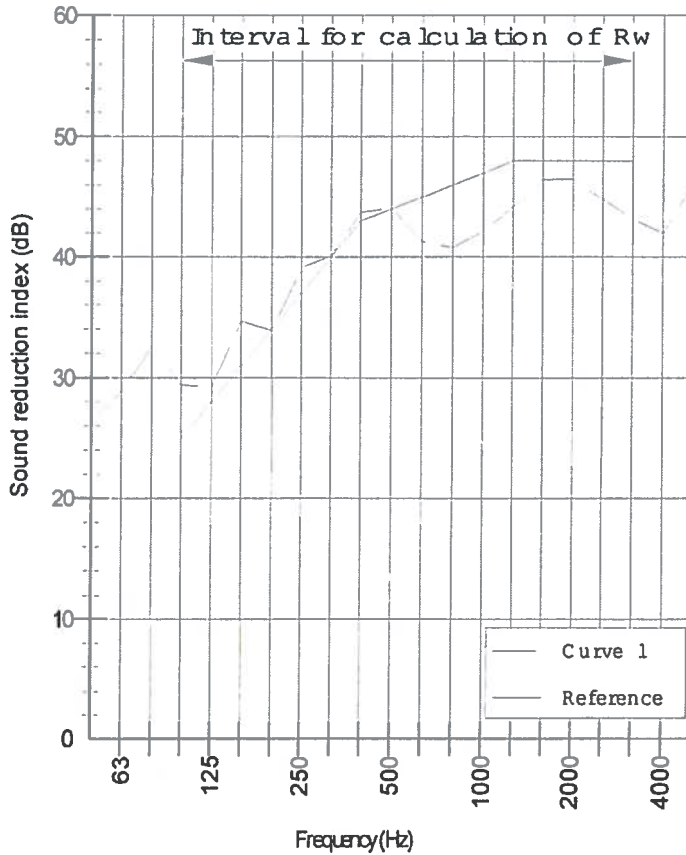
Glass unit: From the outside: 6/0,76/6 glass - 24 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the sash.

Temperature and humidity: 21° C resp. 20% 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 | 26,4 |
| 63 | 28,9 |
| 80 | 32,6 |
| 100 | 29,4 |
| 125 | 29,2 |
| 160 | 34,7 |
| 200 | 33,9 |
| 250 | 39,1 |
| 315 | 40,1 |
| 400 | 43,7 |
| 500 | 44,1 |
| 630 | 41,3 |
| 800 | 40,8 |
| 1000 | 42,1 |
| 1250 | 44,1 |
| 1600 | 46,5 |
| 2000 | 46,5 |
| 2500 | 44,8 |
| 3150 | 43,2 |
| 4000 | 42 |
| 5000 | 46,1 |

| | |
|-----------|---------|
| Rw | 44 |
| (C; Ctr) | (-1;-4) |
| 50-3150 | (-1;-4) |
| 50-5000 | (-1;-4) |
| Rmean | 40,2 |
| Sum. Dev. | 28,8 |
| Max. Dev. | 5,2 |
| Frequency | 800 |

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