

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

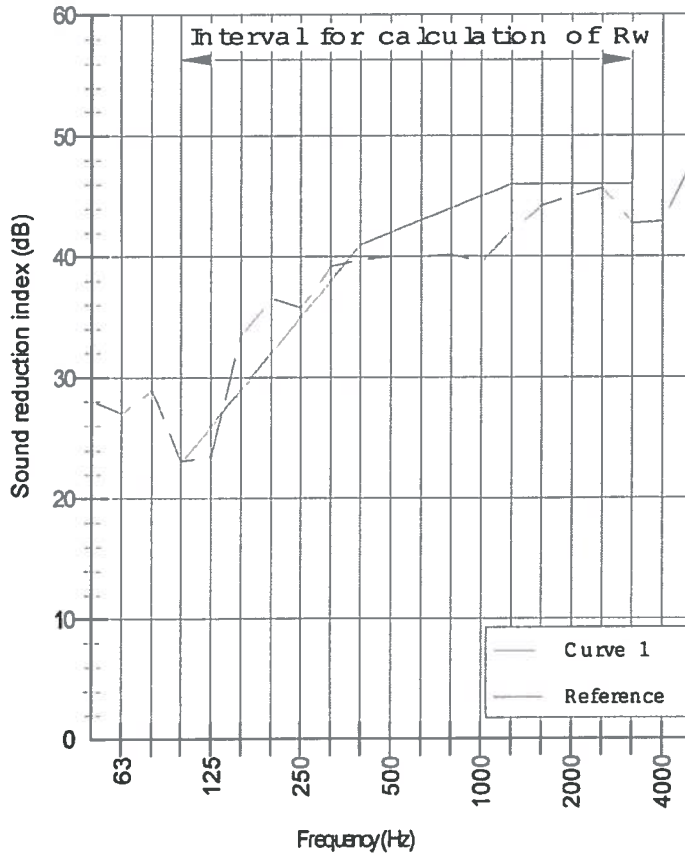
Client: Nordan AS Date of test: 2011-03-10

Test object: Glazed door, standard outward going
Glazing from the outside: 6/0,76/6 glass – 24 argon - 4/0,76/4 glass

Sealing lists: One on all sides of the frame. One on the top and the bottom of the sash.

Area of the test opening and module: 2,15 m², M10*M21

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



| Frequency (Hz) | Curve 1 (dB) |
|----------------|--------------|
| 50 | 28 |
| 63 | 27,1 |
| 80 | 29 |
| 100 | 23 |
| 125 | 23,4 |
| 160 | 33,5 |
| 200 | 36,5 |
| 250 | 35,7 |
| 315 | 39,2 |
| 400 | 39,7 |
| 500 | 40 |
| 630 | 40 |
| 800 | 40,1 |
| 1000 | 39,5 |
| 1250 | 42,1 |
| 1600 | 44,2 |
| 2000 | 45 |
| 2500 | 45,7 |
| 3150 | 42,7 |
| 4000 | 42,9 |
| 5000 | 48,1 |

| | |
|-----------------------|---------|
| R _w | 42 |
| (C; C _{tr}) | (-1;-5) |
| 50-3150 | (-2;-5) |
| 50-5000 | (-1;-5) |
| R _{mean} | 38,1 |
| Sum. Dev. | 28,6 |
| Max. Dev. | 5,5 |
| Frequency | 1000 |