

Applicant: Franz Nüsing GmbH & Co. KG
D-48031 Münster

Test Object:

Dual skin movable separating wall of wood panel construction (Test object S 9066-08), Type NW 100. The separating wall consisted of 4 individual elements, each 1022 mm x 2860 mm, one of which is implemented as a telescopic element. The separating wall was in a functional condition.

Structure of the elements:

- | | |
|-------|--|
| 16 mm | Panelling of wood chipboard |
| 5 mm | Heavy mat (clamped), mass per unit area: 12 kg/m ² |
| 78 mm | Intermediate volume, therein 6 layers 13/10 mm mineral fibre board (product designation: G + H Isover, Type 73T 13/10, density according to manufacturer's information about 70 kg/m ³), loosely laid. |
| 5 mm | Heavy mat (clamped), mass per unit area: 12 kg/m ² |
| 16 mm | Panelling of wood chipboard. |

Separating wall thickness: 120 mm
Weight per unit area: 56 kg/m².

Translated by: PTS GmbH
1A, rue de la Laiterie
L-9910 Troisvierges

For further descriptions see page 2 of the test report and figures 1 to 4 and table 2.

Test area: 12.5 m²

Test rooms:

Volumes: $V_s = 68.6 \text{ m}^3$
 $V_E = 76.4 \text{ m}^3$

Type: Laboratory
State: empty

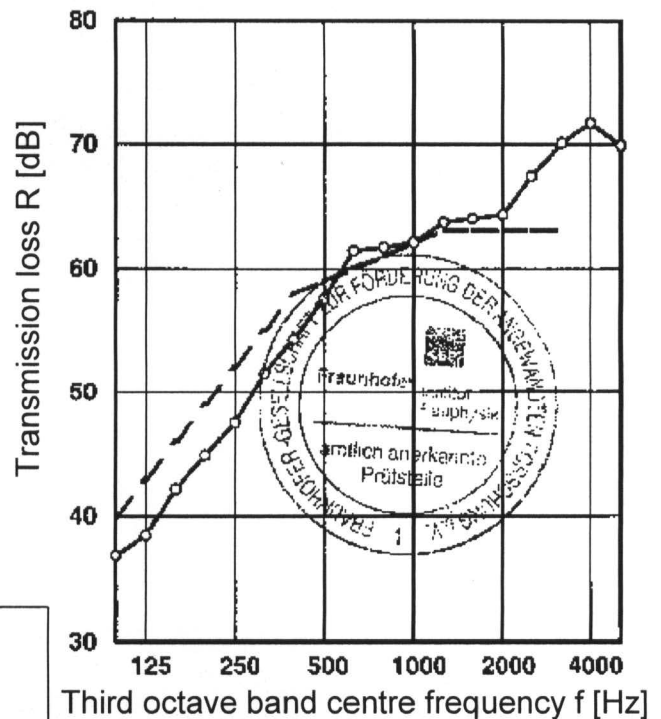
Test Conditions:

Air temperature: 20 °C
Rel. air humidity: 43 %

Test date: 06th Dec. 2001

Assessed transmission loss and spectrum matching value

$$R_W (C; C_{tr}; C_{100-5000}; C_{tr100-5000}) = 59 (-2; -7; -1; -7) \text{ dB}$$



Fraunhofer Institut
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The testing was conducted in a test laboratory of the IBP that is accredited in accordance with DIN EN 45001 by the DAP with the No. DAP-PL-2135.17. Stuttgart, the 11th December 2001

Test Facility Manager: