

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 <sup>2</sup>  |
| 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 <sup>3</sup> ), loosely laid. |
| 5 mm  | Heavy mat (clamped), mass per unit area: 12 kg/m <sup>2</sup>  |
| 16 mm | Panelling of wood chipboard.   |

Separating wall thickness: 120 mm  
Weight per unit area: 56 kg/m<sup>2</sup>.

Translated by: PTS GmbH  
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For further descriptions see page 2 of the test report and figures 1 to 4 and table 2.

Test area: 12.5 m<sup>2</sup>

Test rooms:

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

Type: Laboratory  
State: empty

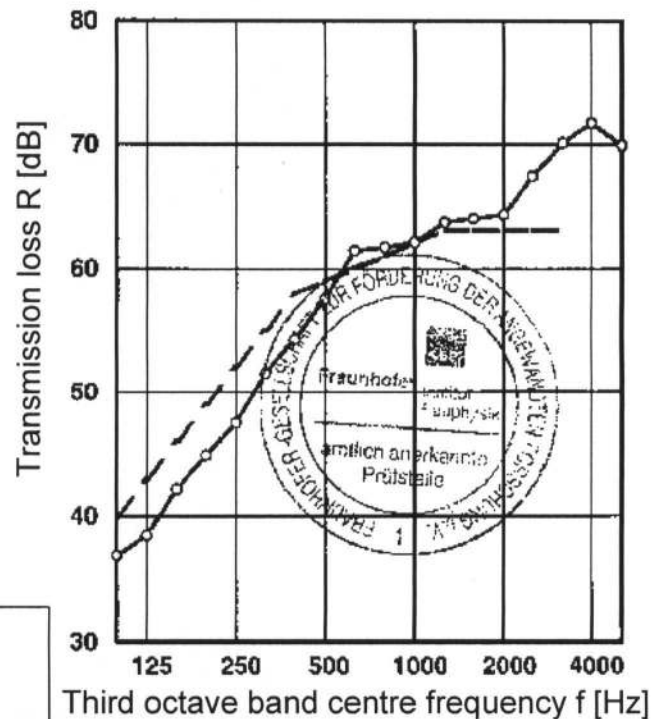
Test Conditions:

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

Test date: 06<sup>th</sup> Dec. 2001

**Assessed transmission loss and spectrum matching value**

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



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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 11<sup>th</sup> December 2001

Test Facility Manager: