Transmission Loss in accordance with ISO 140-3, EN 20 140-3 and DIN 52 210-3	P-BA 426/1995 **Figure 5**
Applicant: Franz Nüsing GmbH & Co. KG D-48031 Münster	Prototype Testing

Test Object:

Dual skin movable separating wall of hollow panel construction, Type NW 100 KA (see figures 1 to 4 and table 2). The separating wall consisted of 4 individual elements, each 1022 mm x 2860 mm, one of which is implemented as a telescopic element.

Structure of the elements:

16 mm	Panelling of wood chipboard
68 mm	Intermediate space, therein 4 layers 15/10 mm mineral fibre (Manufacturer's designation: G + H, 73T 15/10), laid loosely
16 mm	Panelling of wood chipboard.

Separating wall thickness: 100 mm
Weight per unit area: 29 kg/m^2.

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For further descriptions see text part, page 2.

Test area: 12.5 m^2

Test rooms:

Volumes: V_s = 68.7 m^3
V_e = 76.3 m^3
Type: Laboratory
State: empty

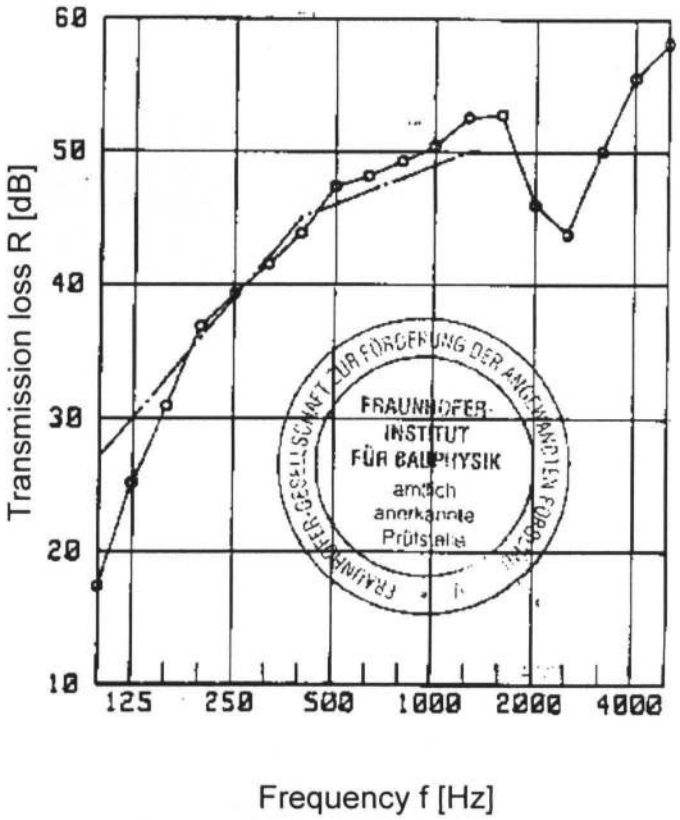
Test Conditions:

Air temperature: 19 °C
Rel. air humidity: 44 %

Test date: 9th May 1995

Assessed transmission loss and spectrum matching value

R_W (C; C_{tr}; $C_{100\text{-}5000}$; $C_{tr100\text{-}5000}$) =
46 (-3; -10; -2; -10) dB



Stuttgart, the 12th September 1995	**Fraunhofer-Institut für Bauphysik (Fraunhofer Institute for Building Physics)** Test Facility Manager: