

**Applicant:** Parthos b.v.  
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**Figure 5**

**Test object:**

A two-shell, adjustable partition wall in a timber panel structure with wicket door (test object S 9368-08), type Palace 110-S (see Figures 1 to 4) with the following components:

- 16 mm Panelling made of coated chipboard, area density: 11.9 kg/m<sup>2</sup>
- 11 mm Heavy mats (stapled), area density: 16.8 kg/m<sup>2</sup>
- 59.5 mm 40 mm mineral fibre insulation boards (manufacturer: Rockwool, density approx. 61 kg/m<sup>3</sup>), loosely inserted, and 10 mm mineral fibre insulation boards (manufacturer: Rockwool, density approx. 45 kg/m<sup>3</sup>), stapled on heavy mat
- 5.5 mm Heavy mat (stapled), area density: 8.4 kg/m<sup>2</sup>
- 16 mm Cladding made of coated chipboard, area density: 11.9 kg / m<sup>2</sup>

The partition wall consisted of a normal element, a door element and a telescopic element with an extendable stroke piece.

Total thickness of the wall: 108 mm  
 Weighted mass of a normal element (B = 1045 mm): 195.4 kg

For further descriptions and technical data on the mounting of the elements, on the structure of the running rail, and on the type of seals, etc. see the text section of the test report, Table 2 and Figures 2 to 4.

**Test surface:** 10,5 m<sup>2</sup>

**Test laboratories:** Wall test bench

**Volume:** V<sub>S</sub> = 51,4 m<sup>3</sup>  
 V<sub>E</sub> = 61,9 m<sup>3</sup>

**Type:** Test bench  
**Status:** empty

**Maximum insulation of the test bench:** R' <sub>max,w</sub> = 75 dB

**Test conditions:**  
**Relative Humidity:** 29 %  
**Temperature:** 19 °C

**Test acoustic:** Pink noise  
**Test date:** 10. Dez. 2003

Evaluated sound insulation measures and spectrum adjustment values according to DIN EN ISO 717-1  
 R<sub>w</sub> (C; Ctr; C100-5000; Ctr.100-5000) ;;  
 45 (0; -2; 1; -2) dB

