

Evidence of Performance

Airborne sound insulation of building components

Test Report

N° 19-002763-PR02

(PB V01-D02-04-en-02)



Client **agtatec ag**
Allmendstr. 24
8320 Fehrltorf
Switzerland

Basis

EN ISO 10140-1: 2016
EN ISO 10140-2: 2010
EN ISO 717-1: 2013
Test Report 19-002763-PR02
(PB V01-D02-04-de-02) dated
17.02.2020

Representation



| | |
|------------------------------|---|
| Product | Double-leaf sliding door with two fixed casements, electrically driven |
| Designation | Thermcord ³ |
| Dimension | 3,498 mm × 2,400 mm |
| Frame material | Aluminium profile |
| Type of opening | Sliding sash/fix panel |
| Sealing system | Specific sealing system with sealing profiles, brush seals and labyrinth seal |
| Glazing | Insulating glass unit, Configuration: 8LSG/16/6TSG, cavity with Argon, laminated glass with acoustic film |
| Drive unit / Locking devices | electrically operated sliding hardware, with automatic shot bolt locking |
| Special features | - |

Instructions for use

This test report serves to demonstrate the airborne sound insulation of a building component.

The weighted sound reduction index R_w can be used for verification by calculation in accordance with DIN 4109-2:2016.

Validity

The data and results given relate solely to the tested and described specimen.

Testing the sound insulation does not allow any statement to be made on any further characteristics of the present construction regarding performance and quality.

Weighted sound reduction index R_w
Spectrum adaptation terms C and C_{tr}



$$R_w (C; C_{tr}) = 35 (-1; -3) \text{ dB}$$

ift Rosenheim
17.02.2020

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Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

The cover sheet can be used as abstract.

Contents

The test report contains a total of 13 pages.

- 1 Object
 - 2 Procedure
 - 3 Detailed results
 - 4 Instructions for use
- Data sheet (1 page)