

Evidence of Performance

Thermal transmittance

Test Report 422 33516e*

* Translation of Test Report 422 33516 dated 9 July 2007



Client **AEB Frames S.p.A.**
Zona Ind.le Campo alla Croce

57023 Venturina/LI
Italy

Metal profiles, profile combination: Casement -frame /
Casement-glazing bar-casement / Casement-glazing bar /
Casement-overlap
Product Profile section: frame / glazing bar

Designation **AEB MED**

Frame: approx. 51 - 56 mm
Casement: approx. 75 mm

Installation depth Glazing bar: approx. 44 - 53 mm

Projected width **variable**

Material **Aluminium profile without thermal barrier**

Surface treatment **Powder-coated / anodised**

Thermal break / thermal barrier
Type: nonexistent
Internal section: Hardwood

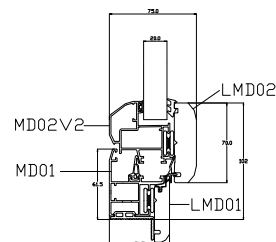
Infill panel
Thickness: 20 mm
Installation depth: 15 mm

Special features -

Basis

EN ISO 10077-2 : 2003-10
Thermal performance of windows, doors and shutters -
Calculation of thermal transmittance - Part 2: Numerical method for frames

Representation



Profile section 1

Instructions for use

This test report serves to demonstrate the thermal transmittance U_f .

Validity

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

Testing the thermal transmittance does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

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 report comprises a total of 13 pages.

- 1 Object
- 2 Procedure
- 3 Detailed results

Thermal transmittance



$$U_f = 3.5 - 4.7 \text{ W}/(\text{m}^2 \cdot \text{K})$$

The specified range of values refers to the profile combinations listed in Annex 1 of this report.



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