

# 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

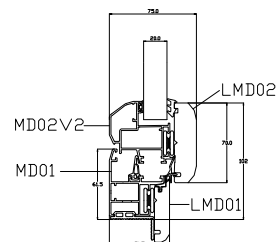
Infill panel Thickness: 20 mm  
Installation depth: 15 mm

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.



ift Rosenheim  
21 August 2007

Konrad Huber, Dipl.-Ing. (FH)  
Assistant Head of Testing Department Thermal Insulation  
ift Centre Glass, Building Materials & Building Physics

Klaus Specht, Dipl.-Ing. (FH)  
Test Engineer  
ift Centre Glass, Building Materials & Building Physics



ift Rosenheim GmbH  
Geschäftsführer:  
Dipl.-Ing. (FH) Ulrich Sieberath  
Dr. Jochen Peichl

Theodor-Giell-Str. 7 - 9  
D-83026 Rosenheim  
Tel.: +49 (0)8031/261-0  
Fax: +49 (0)8031/261-290  
www.ift-rosenheim.de

Sitz: 83026 Rosenheim  
AG Traunstein, HRB 14763  
Sparkasse Rosenheim  
Kto. 3822  
BLZ 711 500 00

Notified Body Nr.: 0757  
Anerkannte PUZ-Stelle: BAY 18  
DAP-PL-0808 99  
DAP-ZE-2288 00  
TGA-ZM-16-93-00  
TGA-ZM-16-93-00