

Evidence of Performance

Thermal transmittance

Test Report 401 37116/1e*

* Translation of Test Report 401 37116/1 dated 02 June 2009



Client **Pellini S.p.A.**
Via Fusari, 19

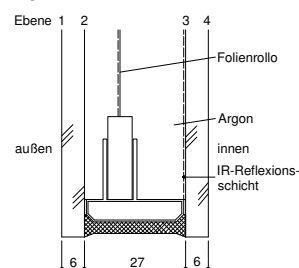
26845 Codogno-Lo Italy

Basis

EN 674 : 1997-11
Glass in building - Determination of the thermal transmittance (U -value) – Guarded hot plate method

Product/Make	Insulating glass unit
Designation	Insulating glass unit with blind SL27C
Overall dimensions (W x H)	800 mm x 800 mm
Configuration of glazing	<u>6</u> / 27 / <u>6</u> mm
Gas filling	77 % Argon
Coating	Silverstar ENplus on pos. 3 ($\epsilon_n = 0,03$) Blind SL27C coated on the exterior ($\epsilon = 0,20$)
Special features	The testing was performed with rolled up and rolled down blind.

Representation



Instructions for use

This test report serves to demonstrate the thermal transmittance U_g .

Thermal transmittance



$U_g = 1,2 \text{ W}/(\text{m}^2 \cdot \text{K})$ Blind rolled up

$U_g = 0,8 \text{ W}/(\text{m}^2 \cdot \text{K})$ Blind rolled down

Validity

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

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



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.

ift Rosenheim
29 June 2009

Michael Rossa, Dipl.-Phys.
Commercial Director
ift Centre Glass, Building Materials & Building Physics

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

Contents

The report comprises a total of 5 pages.

- 1 Object
- 2 Procedure
- 3 Detailed results



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

Theodor-Giethl-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-16-93-60