

Evidence of Performance

Thermal transmittance

Test Report 403 31092/3e

Translation of test report 403 31092/3 dated 4 July 2006



Client **VELUX A/S**
Ådalsvej 99

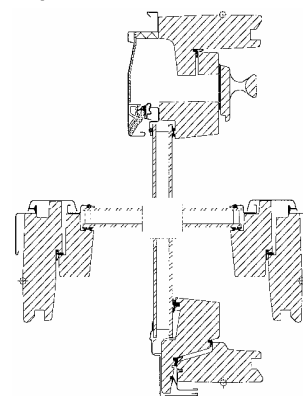
2970 Hørsholm
Denmark

Basis

EN ISO 12567-2 : 2005
Thermal performance of windows and doors - Determination of thermal transmittance by hot box method - Part 2: Roof windows and other projecting windows

Product	Roof window
Designation	GGU 59
Overall dimensions (W x H in mm)	1140 mm x 1400 mm
(Frame) Material	Polyurethane-foam (high density) with core made of wood, Cover plate in aluminum / coated
Type of opening	Horizontal pivot window Insulating glass unit: 59 Configuration: <u>SSG</u> 4 / 16 / 4 mm Gas filling: 97 % Argon Coating: IR-coating on Pos. 3 ($\epsilon_n = 0.03$)
Infill panel	Spacer: Stainless steel Installation depth in test wall: 49 mm
Installation	with roof flashing in aluminium / coated 2 ventilation openings (approx. 470 mm x 32 mm) in casement member above, outer coverage of the slit: cover plate in aluminum / coated with filters and inlay made of thermal insulation (polystyrene), inner coverage of the slit: cover in polyurethane-foam (high density)
Special features	

Representation



Instructions for use

The present test report serves to demonstrate the thermal transmittance U_m .

Validity

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

Testing 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.

Contents

The report comprises a total of 8 pages.

- 1 Object
- 2 Procedure
- 3 Detailed results

Thermal transmittance




$$U_m = 1.4 \text{ W}/(\text{m}^2 \cdot \text{K})$$



ift Rosenheim
18. November 2008


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Notifizierung in Europa: Nr. 0757