

Evidence of Performance

Resistance to wind load

Watertightness

Air permeability

Test Report 102 28841/2e



This is a translation from the cover sheet of Test Report 102 28841/2 dated 15 November 2004.

Client **VELUX A/S**
Adalsvej 99

2970 Hoersholm
Denmark

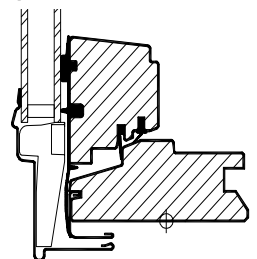
Basis

EN 14351-1 : 2004-04,
Windows and external
pedestrian doors – Product
standard

Test standards
EN 1026 : 2000-06
EN 1027 : 2000-06
EN 12211 : 2000-06

Product	Roof window with ventilation device
Designation	GGL
Exterior dimensions (W x H)	1140 mm x 1398 mm
Frame material	Polyurethane with wooden core with aluminium covering
Special features	For testing the roof window was installed including flashing in a test rig with an inclination of 35°.

Representation



Resistance to wind load – EN 12210



Class C3

Watertightness – EN 12208



Class 9A

Air permeability – EN 12207



Class 3

Instructions for use

This test report serves to demonstrate the above characteristics of windows according to EN 14351-1:2004-04

Validity

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

Subject to compliance with the relevant casement weights the test results can be extrapolated to identical or smaller dimensions of the same design, mode of operation and similar shape.

The present test does not allow any statement to be made on further characteristics of the present structure regarding performance and quality, in particular the effects of weathering and ageing.

Publishing notes

The ift-Guideline "Guidance on the use of ift-test documentation" applies.

The cover sheet can be used as abstract.

Contents

The test report comprises a total of 10 pages

- 1 Object
- 2 Procedure
- 3 Detailed results

ift Rosenheim
7 September 2006

Jörn Peter Lass, Dipl.-Ing. (FH)
Head of Testing Department
ift Centre for Windows & Facades

Robert Kolacny, Dipl.-Ing. (FH)
Test Engineer
ift Centre for Windows & Facades



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

Theodor-Gietl-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
Anerkante PUZ-Stelle: BAY 18
 Deutscher Akkreditierungs Rat
DAP-PL-0808 01
DAP-ZE-2298 00
TGA-ZM-16-93-00
TGA-ZM-16-93-60