

**Declaration of performance**

Issue: 06.2013  
ID-No: 001DoP2013-05  
Release No. 1



EN 1873

# DECLARATION OF PERFORMANCE

## alwitra PMMA rooflight dome with upstand

001DoP2013-05

**1. Product Type**

Unique identification code of the product-type:

**plastic rooflight dome**

**2. Type**

batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

**acrylic glass rooflight dome, double or multi-shell with upstand**

(reference no. see product label)

**3. Intended use**

or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**for natural lighting with daylight, natural ventilation and smoke extraction**

**4. Name, registered trade name**

or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**alwitra Lichtkuppel**

alwitra GmbH & Co. Klaus Göbel  
Am Forst 1, D-54296 Trier

**5. Contact Address:**

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**not relevant** (see 4.)

**6. AVCP:**

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**system 3**

**7. Notified body (hEN):**

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**EN 1873:2005**

**Cori ASBL (Belac accr.240-Test)**

**WTCB (Belac accr.042-Test)**

**SP technical research center (SWEDACaccr. 1002)**

**WRFGent (Belac accr.196 Test)**

**TNO (Rva accr. L115)**

**8. Notified body (ETA):**

In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

**not relevant** (see 7.)

**Declaration of performance**

Issue: 06.2013  
 ID-No: 001DoP2013-05  
 Release No. 1

**9. Declared performance**

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire PMMA	E	EN 13501-1
Reaction to fire of the PVC upstand and vent frame	E	
Resistance to fire	F	EN 13501-2
External fire performance	F <sub>roof</sub>	EN 13501-5
Water tightness	passed	EN 1873:2005
Impact resistance - large soft bodies - small hard bodies	NPD NPD	EN 1873:2005
Resistance to upward loads	UL 1500	EN 1873:2005
Resistance to downward loads	DL 1000	EN 1873:2005
Air permeability	Class A4	EN 12152:2002
Direct airborne sound insulation	1S 12 dB 2S 20 dB 3S 22 dB 4S 23 dB 2SWD 21 dB 3SWD 22 dB	EN ISO 717-1
Thermal resistance	1S 5,36 W/m <sup>2</sup> K 2S 2,68 W/m <sup>2</sup> K 3S 1,7 W/m <sup>2</sup> K 4S 1,37 W/m <sup>2</sup> K 2SWD 1,23 W/m <sup>2</sup> K 3SWD 0,9 W/m <sup>2</sup> K	EN ISO 6946:1997 EN ISO 6946:1997 EN ISO 12567-2 EN ISO 6946:1997 EN ISO 6946:1997 EN ISO 6946:1997
Light transmittance	90%	EN ISO 13468-2
Durability	ΔA CU1 Ku1	EN 1873:2005
Hazardous substances	Below the maximum allowed values	

## Declaration of performance

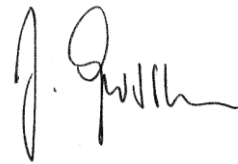
Issue: 06.2013  
ID-No: 001DoP2013-05  
Release No. 1

### 10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



ass. jur. Joachim Gussner  
President  
Managing Director

Trier, June 2013

---

#### Disclaimer of Warranty:

The information, and, in particular, the recommendations relating to the application and use of our products, are given based on our current knowledge and experience under normal conditions, provided that the products have been stored and handled properly.

Due to differences in materials, substrates and actual site conditions no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred neither from this information, nor from any oral consultation, except for cases of proven wilful intent or gross negligence on our part. In such cases, the user has to provide evidence that, along with his request, he has submitted to alwitra in writing, on time and in full all information required for a factual and relevant assessment by alwitra.

The user of the product must verify the product's suitability for the intended application and purpose. alwitra reserves the right to make changes to the product specifications. Third party proprietary rights must be complied with. All orders are accepted subject to our current terms of sale and delivery. The latest edition of the local Product Data Sheet shall apply, copies of which will be supplied on request.

For further information please contact:

alwitra GmbH & Co. Klaus Göbel  
Am Forst 1 Phone +49 651 9102 0  
D-54296 Trier Fax +49 651 9102 500  
www.alwitra.de