

Declaration of performance

Issue: 06.2013
ID-No: 002DoP2013-0
Release No. 1



EN 1873

DECLARATION OF PERFORMANCE

alwitra PC rooflight dome with upstand

002DoP2013-05

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):

polycarbonate 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.)

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9. Declared performance

| Essential characteristics | Performance | Harmonised technical specification |
|---|--|--|
| Reaction to fire PC Reaction to fire of the PVC upstand and vent frame | B-s1, do E | EN 13501-1 |
| Resistance to fire | F | EN 13501-2 |
| External fire performance | F _{roof} | EN 13501-5 |
| Water tightness | passed | EN 1873:2005 |
| Impact resistance: - large soft bodies - small hard bodies | SB 1200 passed | 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 ² K 2S 2,68 W/m ² K 3S 1,7 W/m ² K 4S 1,37 W/m ² K 2SWD 1,23 W/m ² K 3SWD 0,9 W/m ² 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 | 85% | EN ISO 13468-2 |
| Durability | ΔA CU 2 Ku1 | EN 1873:2005 |
| Hazardous substances | Below the maximum allowed values | |

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DIE DACHMARKE

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:

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