



## DECLARATION OF PERFORMANCE

No. 044DoP2016-12

1. Unique identification code of the product type:

**Natural smoke and heat extraction system**

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

**Skylux® 160° CE pneumatic**

**Pneumatically opening with maximum three-walled spherical- or pyramid-shaped dome of solid or multi-walled polycarbonate or acrylic or single- or multi-walled flat sheet of polycarbonate, acrylic or sandwich panel with aluminium and XPS, or a combination of flat and spherical- or pyramid-shaped dome shells.**

**Built on a frame made of wood, aluminium, insulated polyester or insulated and extruded PVC.**

**Installed in a curb of at least 300 mm high made of wood, aluminium, insulated polyester or insulated and extruded PVC, type PVC 16/00, PVC 30/20, PVC 35/30 reno. or PVC 35/30 or galvanised steel, insulated polyester D30-D50 and D30-D50 EP60-100, or metal M30-M50, wood or concrete.**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specifications, as provided by the manufacturer:

**Natural ventilation of smoke and heat in case of fire**

4. Name, registered trade name or registered trade mark and contact information of the manufacturer as required under Article 11(5):

**Skylux NV,  
Spinnerijstraat 100,  
B-8530 Stasegem, Belgium  
Tel.: +3256200000  
E-mail: [info@skylux.be](mailto:info@skylux.be)**

5. If applicable, name and contact information of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

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

**System 1**

7. If the declaration of performance concerns a construction product for which a harmonised norm has been issued:

**EN 12101-2:2003**

8. If the declaration of performance concerns a construction product for which a European Technical Assessment has been issued:

**Not applicable**

9. Declared performance

Essential characteristics	Performances		Harmonised technical specification
	pneumatic		
	SAP single	SAP double	
<b>Reaction to fire:</b> PMMA shell PC shell Glass panel Sandwich panel 16 Sandwich panel 32 Wooden curb/frame Alu curb/frame PVC curb/frame GRP curb/frame Concrete curb Steel curb	E B-s1,d0 A1 C-s2,d0 B-s2,d0 D-s2,d0 A1 E F A1 A1		EN 13501-1
<b>Heat resistance</b>	B300		EN 12101-2:2003 Annex G
<b>Snow load</b>	SL 850**	SL 770	EN 12101-2:2003 Annex D-E
<b>Wind load</b>	WL 1500		EN 12101-2:2003 Annex F
<b>Operation at temperature</b>	T(-15)		EN 12101-2:2003 Annex D-E
<b>Reliability</b>	Re 100	Re 100	EN 12101-2:2003 Annex C
<b>Cv value</b>	See table		EN 12101-2:2003 Annex H
<b>Dangerous substances</b>	Below the maximum allowed limits		
<b>Maximum load</b>	288 kg	576 kg	

\*\*except for three-walled skylights for daylight size 130 x 220 cm: SL 610 N/m<sup>2</sup>

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

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

Certificate of constancy of performance: 0402 – CPR – SC0219-15

Signed on behalf of the manufacturer by:

Frederiek Baetslé  
Production Manager  
Stasegem, Octobre 2023

A handwritten signature in black ink, appearing to read 'Baetslé', is written over a horizontal line. The signature is stylized and somewhat cursive.