

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:*

**CERTILUX TPP
CERTILUX TPV**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 paragraph 4:*
Information given on the tracking label:

Order confirmation Number + Product Number + Date of production

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

3.1 Product description:

Natural smoke and heat exhaust ventilator (NSHEV) for roof installation with polycarbonate or glass blades.

3.2 Installation and implementation conditions in accordance with the certified performances:

- Roof installation from 0° to 60° with glass blades
- Roof installation from 5° to 60° with polycarbonate blades
- Dimensional range: **L** and **H** are the throat dimensions of the product

L = width in m and **H** = height in m
 $0,543 \leq H \leq 3,513$ and $0,5 \leq L \leq 2$

With $0,27m^2 \leq A_v^* \leq 7m^2$
*** : $A_v = L \times H$**

- With mandatory fixed windshields, to ensure Cv coefficient declared in page 2
- With 280- or 350-mm high steel upstand, with or without insulation, to ensure Cv coefficient declared in page 2

3.3 Mode of operation:

Pneumatic opening and closing

Service pressure: 10 to 20 bars

Cylinder volume: 2,1 NI for products from 3 and 4 blades and 4,1 NI for products from 5 blades and more under 10 bars.

(Possibility to use the NSHEV for daily ventilation under 6 bars pressure)

3.4 Possible options:

Open / Close position switches

Thermal device release (according to the current standard)

4. *Name, registered trade name or trademark, in conformity with article 11, paragraph 5:*

Company name:

SOUCHIER – BOULLET SAS
Parc Segro – 42 rue de Lamirault
CS 20762
77090 COLLEGIEN
France

Production unit:

SOUCHIER-BOULLET SAS
11 rue du 47^{ème} R.A.
70400 HERICOURT
France

6. 7. *System or systems of assessment and verification of constancy of performance of the construction product in accordance to Annex V.*

The notified body TÜV Rheinland N° 0336 performed the determination of the product type on the basis of type testing, type calculation of the product, the initial inspection of the manufacturing plant and the factory production control and the continuous surveillance, assessment and evaluation of the factory production control under system 1 and issued the certificate of constancy of performance N°.

CE Certificate N° 0336 – CPR – 6742-1-1

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

9. Declared performances :

Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
	Nominal activation conditions / sensitivity, as : Initiation device Opening mechanism Inputs and outputs	Présent Présent Présent
	Response delay (response time), as : Reliability Opening under (snow, wind) load Low ambient temperature Fire Performance	≤ 60 s
	Operational reliability, as : Reliability	Re 1000, Type B Re 1000 (+10 000), Type B
	Effectiveness of smoke / hot gas extractions, as Aerodynamic free area With upstand Without upstand	$A_{s1} = A_v^{**} \times C_v^{**}$ $A_{s2} = A_v^{**} \times C_v^{**}$
	Performance parameters under fire conditions, as : Resistance to heat Mechanical stability Reaction so fire : Standard blades Polycarbonate blades	$B_{300} 30$ $\Delta A_{throat} < 10 \%$ A1 B-s1 ; d0
	Performance under environmental conditions, as : Opening under load (see tables) Low ambient temperature Stability under wind load Resistance to wind induced vibration (where included) Resistance to heat	SL *** T (-25) WL 1500 $\omega_0 > 10\text{Hz}$, $\delta > 0,1$ $B_{300} 30$
	Durability, as : Response delay (response time) Operational reliability Performance parameters under fire conditions	≤ 60 s Re 1000 Re 1000 (+10 000), ≤ 60 s, $\Delta A_{throat} < 10 \%$

*****Determination of the snowload classification :**

CERTILUX TPP :

Performance	Av
SL 500	0,27 to 4,69 m ²
SL 250	4,69 to 7 m ²

CERTILUX TPV :

Performance	Av
SL 500	0,27 to 3,2 m ²
SL 250	3,2 to 4,67 m ²
SL 0	4,67 to 7 m ²

**** Definition of flow coefficient :**

		With upstand 280 mm		With upstand 350 mm		Without upstand	
		500 ≤ L < 1000	1000 ≤ L ≤ 2000	500 ≤ L < 1000	1000 ≤ L ≤ 2000	500 ≤ L < 1000	1000 ≤ L ≤ 2000
With Av ≤ 6m² windshields=265 mm	H < 1000	0,55	0,55			0,50	0,50
	H ≥ 1000	0,55	0,67			0,50	0,62
With Av > 6m² windshield =310 mm	H ≤ 3513				0,64		0,62

10. The performance of the product identified in points 1 et 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by: **David Maillart – R&D Director**
The 18/12/2025
In Collégien