According to Construction Products Regulation (UE) N° 305/2011

N : **DoP LAM TTES_indB1**

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

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

CERTILAM TTES

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 aluminium blades.

3.2 Installation and implementation conditions in accordance with the certified performances

- Roof installation from 0° to 60°
- Dimensional range : **L** and **H** are the throat dimensions of the product
  L = width in m and **H** = height in m
  $0{,}796 \leq H \leq 3{,}046$ and $0{,}7 \leq L \leq 1{,}500$ With $1m^2 \leq A_v^* \leq 6m^2$
  *** : $A_v = L \times H$**
  - With mandatory fixed windshields, to ensure Cv coefficient declared in page 2
  - With 280 mm high steel upstand mandatory, with or without insulation, to ensure Cv coefficient declared in page 2

3.3 Mode of operation :

Electric opening and closing
Voltage $U_a = U_c$ = 24 Vcc – Wattage $P_a = P_c$ absorbed in a steady state
- 30 W maxi

3.4 Possible options :

Open / Close position switches
Thermal device release (according to the current standard).

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

Company name : SOUCHIER-BOULLET SAS
11 rue des Campanules
CS 30066
77436 MARNE LA VALLEE Cedex 2
France

Production unit : SOUCHIER-BOULLET SAS
11 rue du 47ème 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 – 6742-1-3

SOUCHIER BOULLET

CE

According to Construction Products Regulation (UE) N° 305/2011

N : **DoP LAM TTES_indB1**

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

9. *Declared performances :*

	Essential characteristics	Performance
Harmonised technical specification: EN 12101-2:2003	**Nominal activation conditions / sensitivity, as:**	
	Initiation device	present
	Opening mechanism	present
	Inputs and outputs	present
	Response delay (response time), as:	
	Reliability Opening under (snow, wind) load Low ambient temperature Fire Performance	≤ 60 s
	Operational reliability, as:	
	Reliability	Re 1000 (+10 000), Type B
	Effectiveness of smoke/hot gas extraction, as:	
	Aerodynamic free area	$A_a = A_v$* x 0,30
	Performance parameters under fire conditions, as:	
	Resistance to heat	B_{300} 30
	Mechanical stability	$\Delta A_{trémie}$< 10 %
	Reaction to fire	
	Standard blades	A1
	Performance under environnemental conditions, as:	
	Opening under load (see tables)	SL **
	Low ambient temperature	T(-15)
	Stability under wind load	WL 1500
	Resistance to wind-induced vibration (where included)	ω_0: > 10Hz, δ: >0,1
	Resistance to heat	B_{300} 30
	Durability, as:	
	Response delay (response time)	≤ 60 s
	Operational reliability	Re 1000 (+10 000)
	Performance parameters under fire conditions	≤ 60 s; $\Delta A_{trémie}$< 10 %

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

CERTILAM TTES :

Performance	A_v
SL 250	1 to 3 m²
SL 0	3 to 6 m²

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 Manager**

The 20/04/2018
In Lognes

SOUCHIER - BOULLET - 11, rue des Campanules - CS 30066 - 77436 MARNE-LA-VALLEE cedex 02
communication@souchier-boullet.com|devis@souchier-boullet.com|www.souchier-boullet.com
standard téléphonique : 01.60.37.79.50 | fax Souchier : 01.60.37.79.89 | fax Boullet : 03.44.64.98.99
SAS au capital de 1.481.916 € - N° TVA FR 35 662 014 661 - APE 2572Z - RCS 662014661 Meaux