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

N : **DoP CERTITOIT OFM_indØ**

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:* **CERTITOIT MECANIQUE 114/118**
CERTITOIT MECANIQUE 114/140

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 with a single casement in wood, for roof installation which opens outwards, with an external motorization. The infill is in glass 4 toughened/ 14 argon / 33.2 (6.4mm laminated)

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

- Roof installation from 20° to 60° with the hinges at the bottom of the slope.
- Dimensional range : see table
- With optional lateral fixed windshields,

3.3 ***Mode of operation : Electric opening and closing***

- Voltage Ua = Uc = 24 Vcc – Wattage Pa = Pc absorbed in a steady state
- 40W to 48 W maxi for 2 motors

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
Parc Segro – 42 rue de Lamirault
CS 20762
77090 COLLEGIEN
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 as set out in 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°1812 – CPR – 1095.

9. *Declared performances:*

Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
	Nominal activation conditions / sensitivity, as:	
	Initiation device	present
	Opening mechanism	present
	Inputs and outputs	present
	Response delay (response time), as:	
	Reliability	≤ 60 s
	Opening under (snow, wind) load	
	Low ambient temperature	
	Fire Performance	
	Operational reliability, as:	
	Reliability	Re 1000 (+10 000), Type B
	Effectiveness of smoke/hot gas extraction, as:	
	Aerodynamic free area	Aa = Av* x Cv*
	Performance parameters under fire conditions, as:	
	Resistance to heat	B_{300} 30
	Mechanical stability	ΔA_{throat}< 10 %
	Reaction to fire	
	Glass	A1
	Performance under environnemental conditions, as:	
	Opening under load (See tables)	SL250
	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; ΔA_{throat}< 10 %

	Overall dimensions		Geometric area	Aerodynamic area				
	L (mm)	H (mm)	Av (m²)	Slope roof (°)	Opening angle (°)	Aa (m²) without windshield	Aa (m²)with windshield 150mm	Aa (m²) with windshield 185mm
Certitoit 114/118	1140	1180	1,17	20/20	70	0,294		
				40/40	50	0,270		
				60/60	30	0,200		
				20 à 60	52	0,341	0,611	0,693
Certitoit 114/140	1140	1400	1,41	20/20	70	0,352		
				40/40	50	0,324		
				60/60	30	0,239		
				20 à 60	43	0,394	0,620	0,831

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 16/05/2023
In Collégien