

## DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

- Unique identification code of the product-type : **Polybaie OFVPLE-OFVPPE**
- 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**
- 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, for wall installation on a horizontal axis in a bottom or top hung opening outside configuration, or on a vertical axis side hung opening outside style. The infill can be in cellular polycarbonate, in glass or insulated double skin aluminium (thermally or acoustically).

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

- Wall installation ( $\pm 30^\circ$ )
- Dimensional range: (Throat dimensions)

|          | OFVPLE<br>Bottom or top hung |         | Side hung |                  |                  | OFVPPE<br>Bottom or top hung |         |      | Side hung |                  |                  |      |
|----------|------------------------------|---------|-----------|------------------|------------------|------------------------------|---------|------|-----------|------------------|------------------|------|
|          |                              |         | With :    | If Lpa ≥ 2 x Hpa | If Lpa ≥ 3 x Hpa |                              |         |      | With :    | If Lpa ≥ 2 x Hpa | If Lpa ≥ 3 x Hpa |      |
|          | Minimum                      | Maximum | Minimum   | Maximum          |                  | Minimum                      | Maximum |      | Minimum   | Maximum          |                  |      |
| LPA (mm) | 300                          | 2400    | 1600      | 1032             | 2400             | 1800                         | 300     | 2400 | 1600      | 802              | 2400             | 1800 |
| HPA (mm) | 516                          | 1200    | 1600      | 516              | 800              | 900                          | 401     | 1200 | 1600      | 401              | 800              | 900  |

**3.3 Mode of operation:** Pneumatical opening and closing  
Service pressure 6 to 20 bars (Cylinder volume: 13,52 NI max)

**3.4 Possible options :**  
Open / Close position switches  
Thermal device release (according to the current standard).

- 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<sup>ème</sup> R.A.  
70400 HERICOURT  
France

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°0336 – CPR – 89208433.**

- 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                                           |                                         |
|                                                     | Opening under (snow, wind) load                       | $\leq 60$ s                             |
|                                                     | 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 (See page 3)                    | $A_{ef} = A_{ef}^* \times C_{ef}^{**}$  |
|                                                     | Performance parameters under fire conditions, as:     |                                         |
|                                                     | Resistance to heat                                    | B <sub>300</sub> 30                     |
|                                                     | Mechanical stability                                  | $\Delta A_{therm} < 10 \%$              |
|                                                     | Reaction to fire                                      |                                         |
|                                                     | Panel or glass insulated                              | A1                                      |
|                                                     | Polycarbonate                                         | B-s1;d0                                 |
|                                                     | Performance under environmental conditions, as:       |                                         |
|                                                     | Opening under load                                    | SL NPD                                  |
|                                                     | Low ambient temperature                               | T(00)                                   |
|                                                     | Stability under wind load                             | WL 1500                                 |
|                                                     | Resistance to wind-induced vibration (where included) | NPD                                     |
|                                                     | Resistance to heat                                    | B <sub>300</sub> 30                     |
|                                                     | Durability, as:                                       |                                         |
|                                                     | Response delay (response time)                        | $\leq 60$ s                             |
|                                                     | Operational reliability                               | Re 1000 (+10 000)                       |
|                                                     | Performance parameters under fire conditions          | $\leq 60$ s; $\Delta A_{therm} < 10 \%$ |

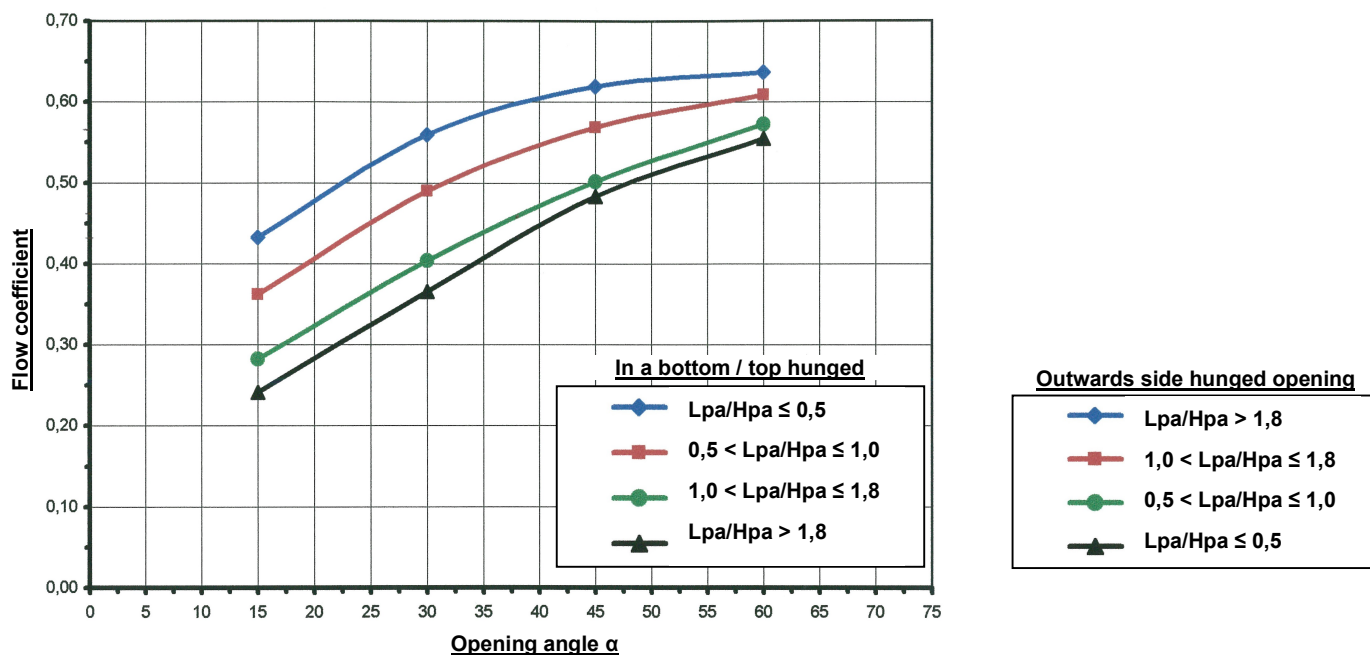
### Calculation of the free aerodynamic surface

$$A_a = A_v \times C_v^{**}$$

$$A_v = L_{pa} \times H_{pa}$$

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**\*\* Cv : Calculation of flow coefficient :**



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 28/03/2024  
In Collégien

